10537282

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1626GMS

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page for STN Seminar Schedule - N. America
NEWS 2	MAR 15	WPIDS/WPIX enhanced with new FRAGHITSTR display format
NEWS 3	MAR 16	CASREACT coverage extended
NEWS 4	MAR 20	MARPAT now updated daily
NEWS 5	MAR 22	LWPI reloaded
NEWS 6	MAR 30	RDISCLOSURE reloaded with enhancements
NEWS 7	APR 02	JICST-EPLUS removed from database clusters and STN
NEWS 8	APR 30	GENBANK reloaded and enhanced with Genome Project ID field
NEWS 9	APR 30	CHEMCATS enhanced with 1.2 million new records
NEWS 10	APR 30	CA/CAplus enhanced with 1870-1889 U.S. patent records
NEWS 11	APR 30	INPADOC replaced by INPADOCDB on STN
NEWS 12	MAY 01	New CAS web site launched
NEWS 13	MAY 08	CA/CAplus Indian patent publication number format defined
NEWS 14	MAY 14	RDISCLOSURE on STN Easy enhanced with new search and display fields
NEWS 15	MAY 21	BIOSIS reloaded and enhanced with archival data
NEWS 16	MAY 21	TOXCENTER enhanced with BIOSIS reload
NEWS 17	MAY 21	CA/CAplus enhanced with additional kind codes for German patents
NEWS 18	MAY 22	CA/CAplus enhanced with IPC reclassification in Japanese patents
NEWS 19	JUN 27	CA/CAplus enhanced with pre-1967 CAS Registry Numbers
NEWS 20	JUN 29	STN Viewer now available
NEWS 21	JUN 29	STN Express, Version 8.2, now available
NEWS 22	JUL 02	LEMBASE coverage updated
NEWS 23	JUL 02	LMEDLINE coverage updated
NEWS 24	JUL 02	SCISEARCH enhanced with complete author names
NEWS 25	JUL 02	CHEMCATS accession numbers revised
NEWS 26	JUL 02	CA/CAplus enhanced with utility model patents from China

NEWS EXPRESS 29 JUNE 2007: CURRENT WINDOWS VERSION IS V8.2,
CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
AND CURRENT DISCOVER FILE IS DATED 05 JULY 2007.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that
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* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 15:15:38 ON 11 JUL 2007

=>
Uploading
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Do you want to switch to the Registry File?
Choice (Y/n):
Switching to the Registry File...
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:15:50 ON 11 JUL 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5
DICTIONARY FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

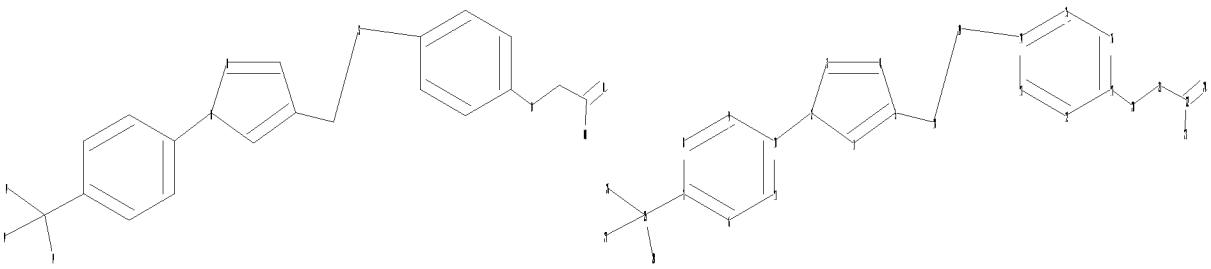
TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>
Uploading C:\Program Files\Stnexp\Queries\10537282.str

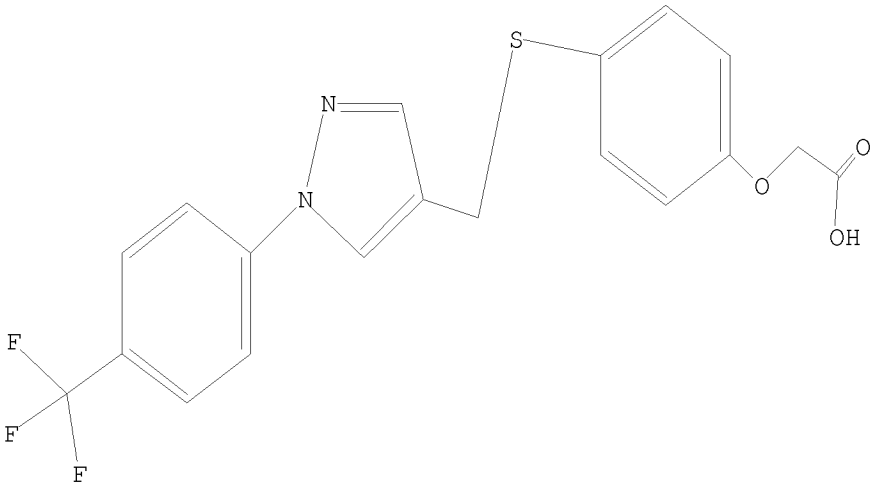


chain nodes :
18 19 20 21 22 23 24 25 26 27 28
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-10 5-18 7-25 14-19 17-20 18-19 20-21 21-22 22-23 22-24 25-26 25-27
25-28
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17
exact/norm bonds :
1-2 2-3 2-10 3-4 14-19 17-20 18-19 20-21
exact bonds :
1-5 4-5 5-18 7-25 21-22 25-26 25-27 25-28
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17 22-23
22-24
isolated ring systems :
containing 1 : 6 : 12 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS
28:CLASS

L1 STRUCTURE UPLOADED

=> D L1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

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=> S L1
SAMPLE SEARCH INITIATED 15:16:06 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        0 TO ITERATE

100.0% PROCESSED        0 ITERATIONS                                 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            0 TO        0
PROJECTED ANSWERS:               0 TO        0

L2            0 SEA SSS SAM L1

=> S L1 SSS FULL
FULL SEARCH INITIATED 15:16:13 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       53 TO ITERATE

100.0% PROCESSED       53 ITERATIONS                                21 ANSWERS
SEARCH TIME: 00.00.01

L3           21 SEA SSS FUL L1

=> FIL HCAPLUS
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   172.10     172.31

FILE 'HCAPLUS' ENTERED AT 15:16:19 ON 11 JUL 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
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FILE COVERS 1907 - 11 Jul 2007 VOL 147 ISS 3
FILE LAST UPDATED: 10 Jul 2007 (20070710/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
substance identification.

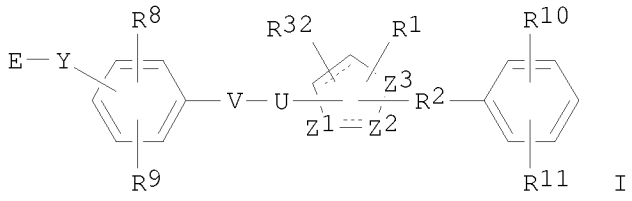
=> S L3
L4 2 L3

=> d l4 ibib abs hitstr tot

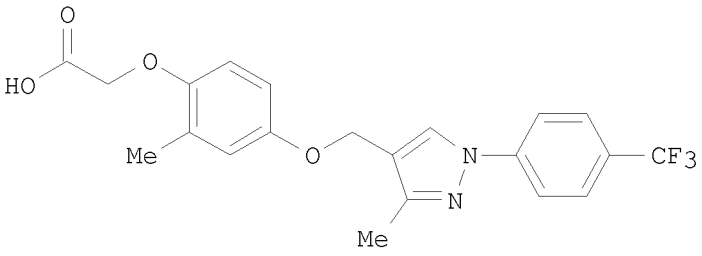
L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:606448 HCAPLUS
DOCUMENT NUMBER: 141:157111
TITLE: Preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes mellitus, atherosclerosis, and cardiovascular disorders
INVENTOR(S): Conner, Scott Eugene; Ma, Tianwei; Mantlo, Nathan Bryan; Mayhugh, Daniel Ray; Schkeryantz, Jeffrey Michael; Warshawsky, Alan M.; Zhu, Guoxin
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: PCT Int. Appl., 214 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063166	A1	20040729	WO 2003-US39119	20031231
WO 2004063166	A8	20050303		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003296404	A1	20040810	AU 2003-296404	20031231

EP 1585733 A1 20051019 EP 2003-815195 20031231
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, BG, CZ, EE, HU, SK
US 2006241157 A1 20061026 US 2005-540341 20050621
PRIORITY APPLN. INFO.: US 2003-438563P P 20030106
WO 2003-US39119 W 20031231
OTHER SOURCE(S): MARPAT 141:157111
GI



I



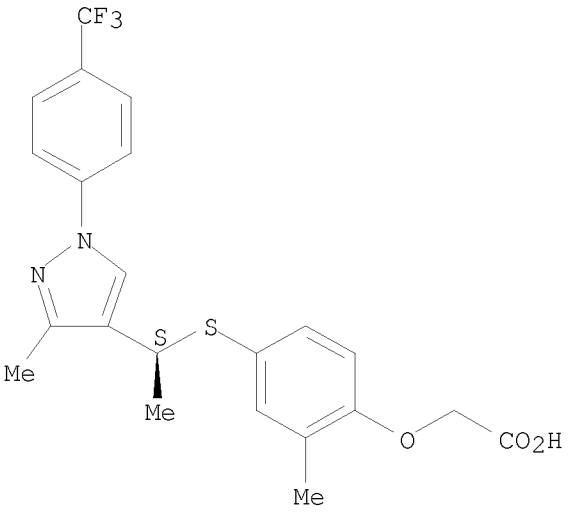
II

AB Title pyrazoles, imidazoles, and (is)oxazoles I [wherein R1 = H, (un)substituted alkyl, alkenyl, (hetero)aryl(alkyl), arylheteroalkyl, cycloalkylaryl(alkyl); R2 = absent, (hetero)alkyl; R8 = H, alkyl, alkylenyl, halo; R9 = H, (un)substituted alkyl, alkylenyl, halo, aryl(alkyl), heteroaryl, allyl, alkoxy, alkylthio, etc.; R10, R11 = independently H, OH, CN, NO2, halo, oxo, (un)substituted (halo)alkyl, alkoxy, cycloalkyl, (hetero)aryl(alkyl), cycloalkylaryl(alkyl), aryloxy, acyl, carboxy, amino, sulfamoyl, etc.; R32 = bond, H, halo, (halo)alkyl, alkyloxo; E = (un)substituted carboxy(methyl), tetrazolyl(methyl), nitriloalkyl, carboxamido(methyl), sulfonamido(methyl); U = (un)substituted aliphatic linker wherein one C of the linker is optionally replaced with O, NH, or S; X = bond, O, S, SO2, NH; Y = bond, CH2, NH; Z1, Z2 = independently N, O, C, whit the proviso that at least one of Z1 and Z2 = N; Z3 = N, O, C; or stereoisomers, pharmaceutically acceptable salts, solvates, and hydrates thereof] were prepared as peroxisome proliferator activated receptor (PPAR) modulators (no data). For example, chlorination of [3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methanol with MeSO2Cl and TEA in CH2Cl2, followed by coupling with (4-hydroxy-2-methylphenoxy)acetic acid Me ester using Cs2CO3 in acetonitrile and saponification with NaOH in MeOH provided II. I and their pharmaceutical compns. are expected to be effective in treating and preventing metabolic disorders, diabetes mellitus, atherosclerosis, and cardiovascular disorders (no data).
IT 728913-38-0P, (S)-[2-Methyl-4-[[1-[3-methyl-1-(4-

trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]ethanoic acid 728913-39-1P, (R)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]ethanoic acid 728913-46-0P, (S)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]ethanoic acid 728913-47-1P, (R)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]ethanoic acid 728914-62-3P, (R)-[4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-63-4P, (S)-[4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(PPAR modulator; preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes, atherosclerosis, and cardiovascular disorders)

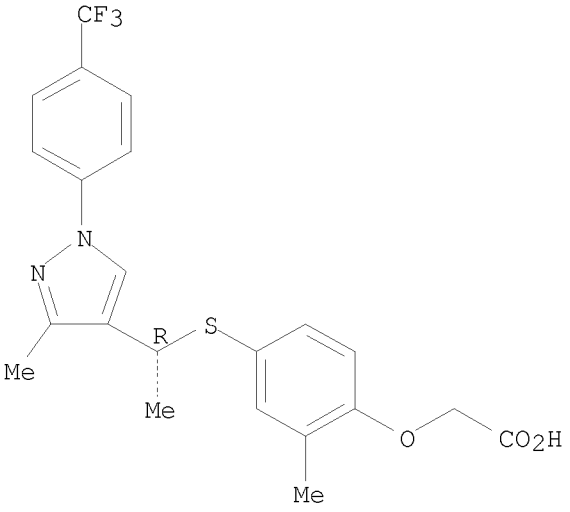
RN 728913-38-0 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(1S)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



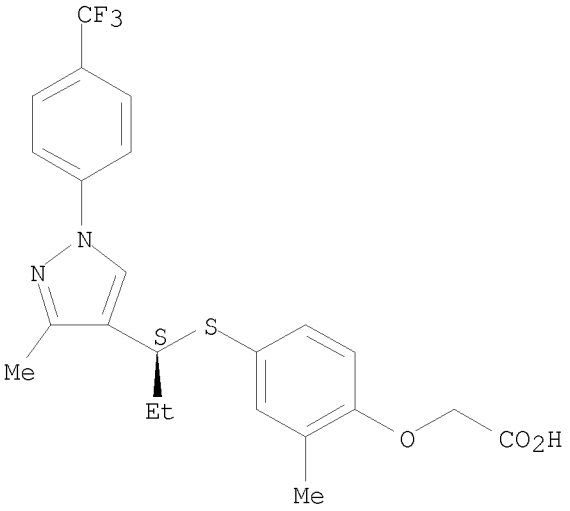
RN 728913-39-1 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(1R)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



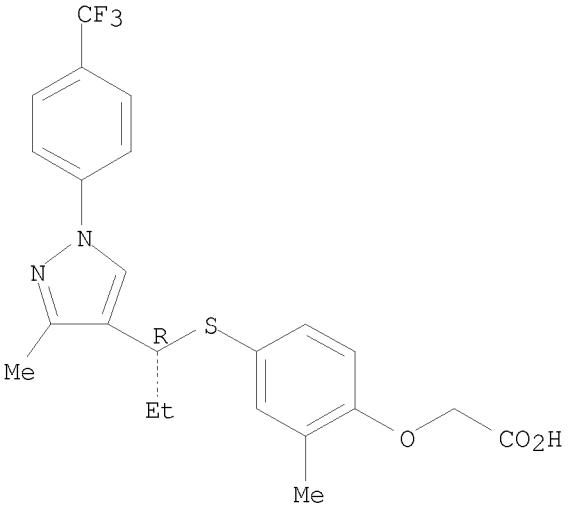
RN 728913-46-0 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(1S)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



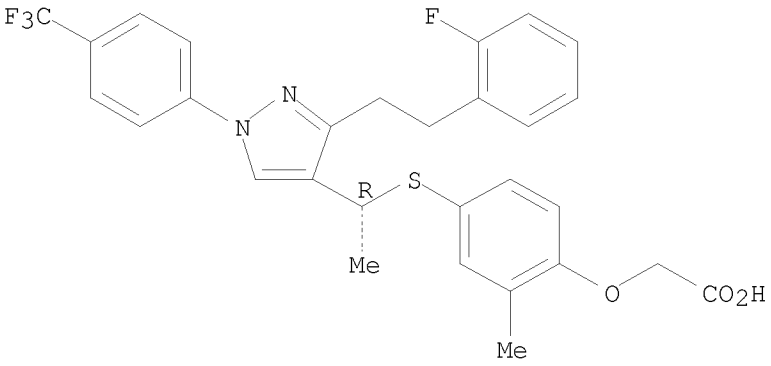
RN 728913-47-1 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(1R)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



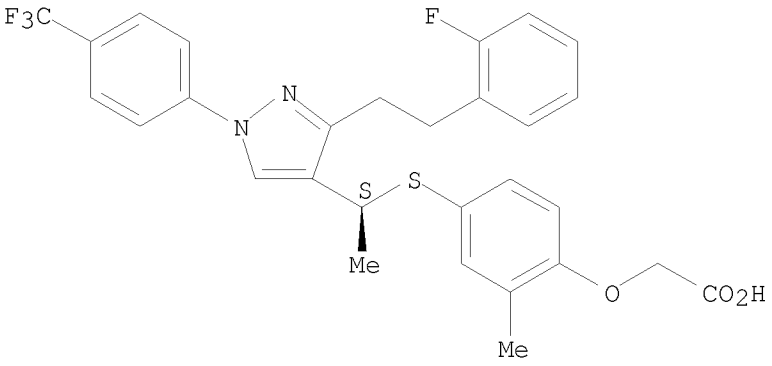
RN 728914-62-3 HCAPLUS
CN Acetic acid, [4-[[(1R)-1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 728914-63-4 HCAPLUS
CN Acetic acid, [4-[[(1S)-1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

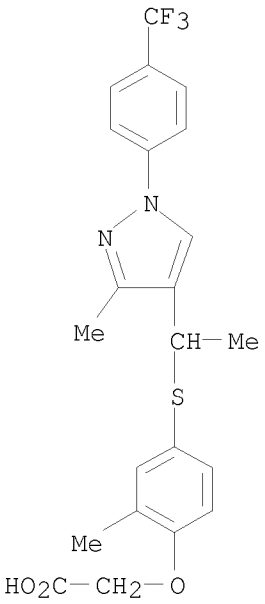
Absolute stereochemistry.



IT 728913-22-2P, [2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]acetic acid
728913-36-8P, [2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]acetic acid
728913-52-8P, [4-[[[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
728913-92-6P, [4-[[1-[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
728913-94-8P, [4-[[1-[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]-2-methylphenoxy]acetic acid
728914-05-4P, [2-Methyl-4-[[1-methyl-1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]acetic acid
728914-08-7P, [4-[[[3-Isopropyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
728914-14-5P, [4-[[1-[3-Isopropyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]-1-methylethyl]sulfanyl]-2-methylphenoxy]acetic acid
728914-19-0P, [4-[[1-[3-tert-Butyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
728914-30-5P, 2-Methyl-2-[2-methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]propionic acid 728914-46-3P, [4-[[[3-tert-Butyl-5-chloro-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-48-5P, [4-[[[3-tert-Butyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-49-6P, [4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-51-0P, [4-[[[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(PPAR modulator; preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes, atherosclerosis, and cardiovascular disorders)

RN 728913-22-2 HCAPLUS

CN Acetic acid, [2-methyl-4-[[1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 728913-36-8 HCAPLUS
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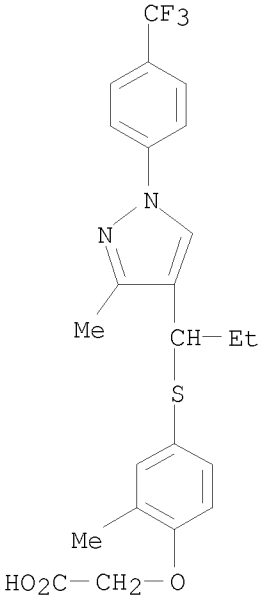
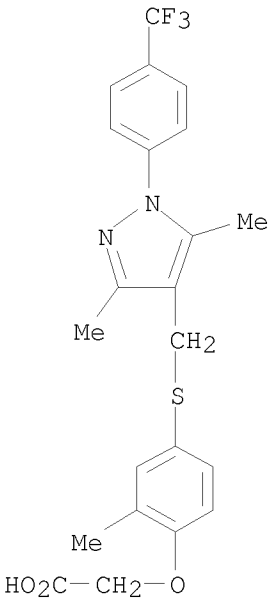


RN 728913-52-8 HCAPLUS
CN Acetic acid, [4-[[[3,5-dimethyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 728913-92-6 HCAPLUS
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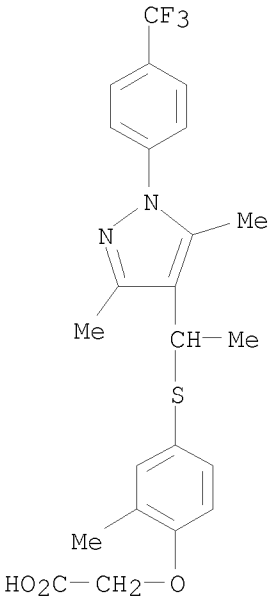

RN 728913-94-8 HCAPLUS
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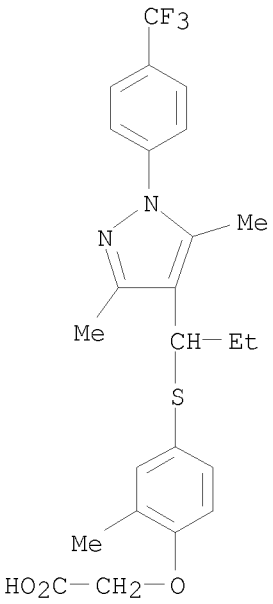
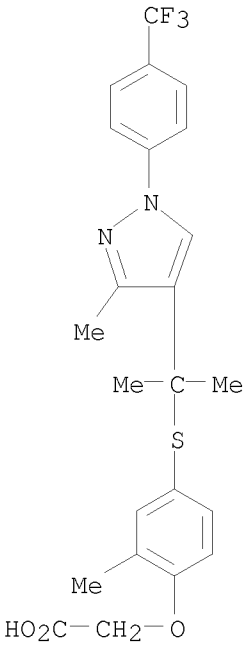
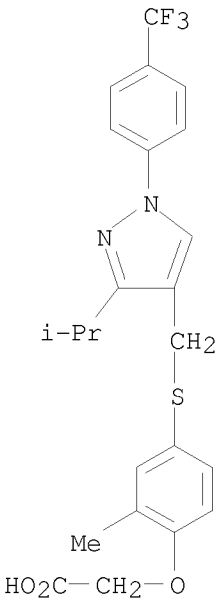


RN 728914-05-4 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-methyl-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

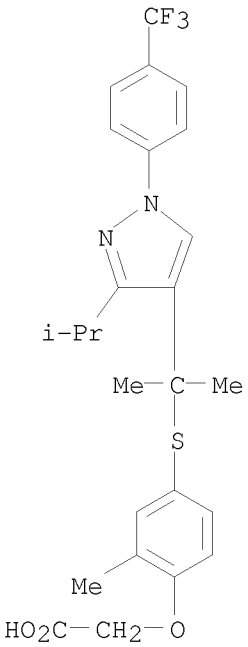


RN 728914-08-7 HCAPLUS
CN Acetic acid, [2-methyl-4-[[[3-(1-methylethyl)-1-[4-

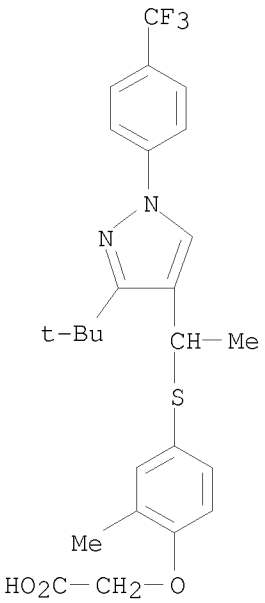
(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



RN 728914-14-5 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-methyl-1-[3-(1-methylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

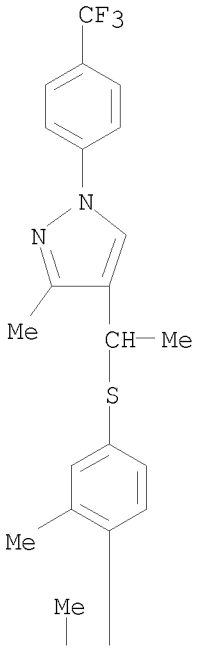


RN 728914-19-0 HCAPLUS
CN Acetic acid, [4-[[1-[3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

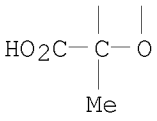


RN 728914-30-5 HCAPLUS
CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

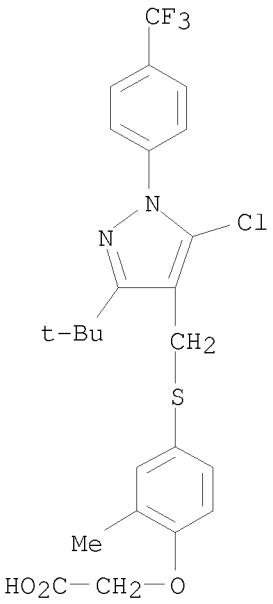
PAGE 1-A



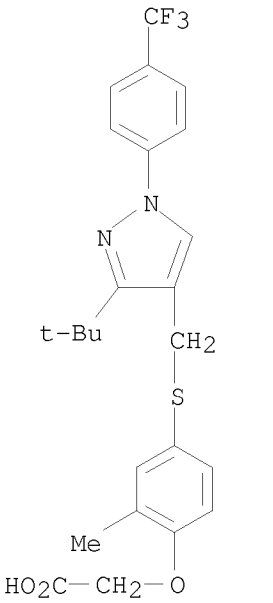
PAGE 2-A



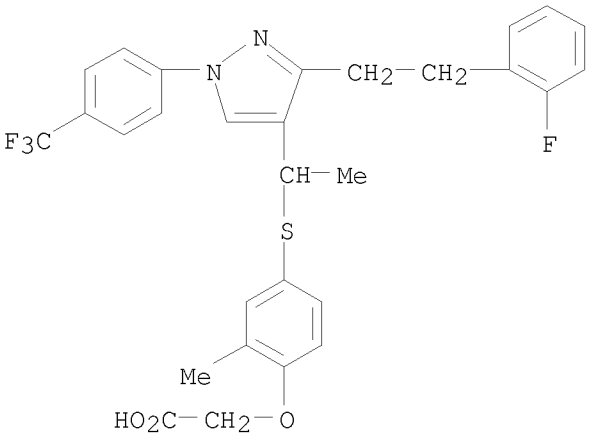
RN 728914-46-3 HCAPLUS
CN Acetic acid, [4-[[[5-chloro-3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)



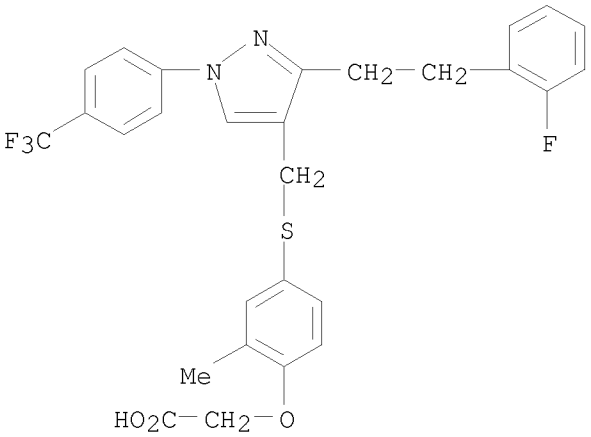
RN 728914-48-5 HCAPLUS
CN Acetic acid, [4-[[[3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 728914-49-6 HCAPLUS
CN Acetic acid, [4-[[1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 728914-51-0 HCAPLUS
CN Acetic acid, [4-[[[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:606447 HCAPLUS
DOCUMENT NUMBER: 141:157110
TITLE: Preparation of a pyrazole as a PPAR modulator for treatment of diabetes mellitus, inflammatory diseases, and other disorders
INVENTOR(S): Conner, Scott Eugene; Mantlo, Nathan Bryan; Mayhugh, Daniel Ray; Zhu, Guoxin
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063165	A1	20040729	WO 2003-US39117	20031231
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003296401	A1	20040810	AU 2003-296401	20031231
EP 1583746	A1	20051012	EP 2003-815193	20031231
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US 2007043220	A1	20070222	US 2005-537282	20050531
PRIORITY APPLN. INFO.:			US 2003-438563P P	20030106
			WO 2003-US39117 W	20031231

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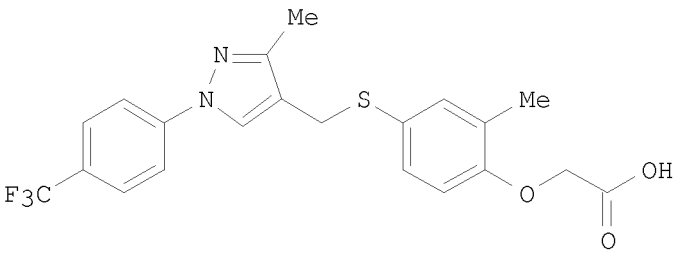


I

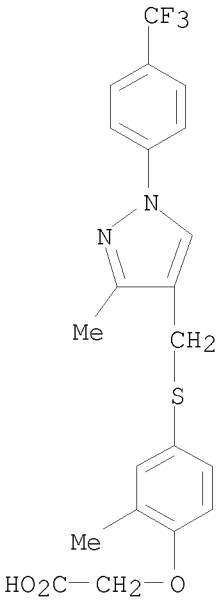
AB The present invention is directed to a compound, [2-methyl-4-[[[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid (I), and pharmaceutically acceptable salts, solvates, and hydrates thereof for use as a peroxisome proliferator activated receptor (PPAR) modulator. Examples include three synthetic methods for the preparation of I, as well as protocols and some data for biol. assays. For instance, I was prepared by alkylation of (4-mercapto-2-methylphenoxy)acetic acid Et ester with 4-chloromethyl-3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazole using Cs2CO3 in acetonitrile, followed by saponification with NaOH in MeOH. In binding studies, I activated huPPARδ, PPARα, and PPARγ with EC50 values of 20 nM, 1800 nM, and 2600 nM, resp. Thus, I and its pharmaceutical compns. are expected to be effective in treating and preventing diabetes mellitus, cardiovascular disorders, inflammatory conditions, and other disorders (no data).

IT 728043-46-7P, [2-Methyl-4-[[[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(PPARδ modulator; preparation of a [[(pyrazolylmethyl)sulfanyl]phenoxy

]acetic acid as a PPAR modulator for treatment of diabetes mellitus, inflammatory diseases, and other disorders)

RN 728043-46-7 HCAPLUS

CN Acetic acid, [2-methyl-4-[[[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	18.34	190.65

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.56	-1.56

FILE 'REGISTRY' ENTERED AT 15:18:05 ON 11 JUL 2007

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5
DICTIONARY FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when

conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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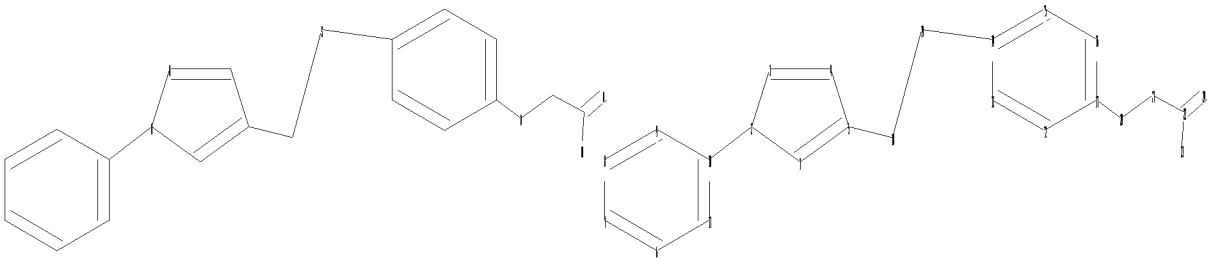
Uploading C:\Program Files\Stnexp\Queries\10537282a.str



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18 19 20 21 22 23 24
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
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2-10 5-18 14-19 17-20 18-19 20-21 21-22 22-23 22-24
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17
exact/norm bonds :
1-2 2-3 2-10 3-4 14-19 17-20 18-19 20-21
exact bonds :
1-5 4-5 5-18 21-22
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17 22-23 22-24
isolated ring systems :
containing 1 : 6 : 12 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS

L5 STRUCTURE UPLOADED

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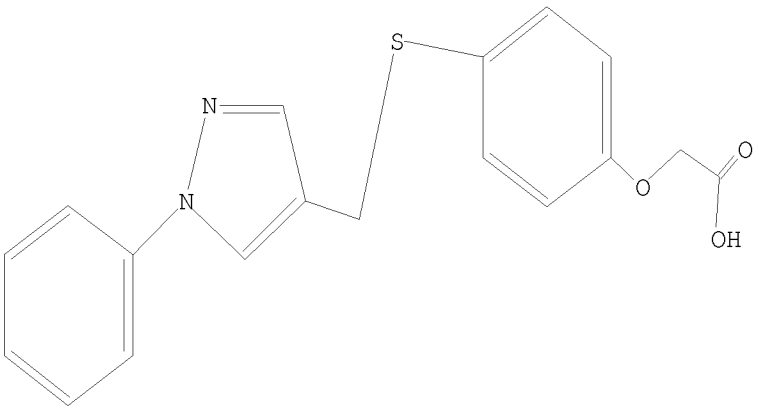
L5 HAS NO ANSWERS

L5 STR



Structure attributes must be viewed using STN Express query preparation.

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=> s l5
SAMPLE SEARCH INITIATED 15:18:24 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -        3 TO ITERATE

100.0% PROCESSED        3 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            3 TO      163
PROJECTED ANSWERS:               0 TO        0

L6            0 SEA SSS SAM L5

=> s l5 sss full
FULL SEARCH INITIATED 15:18:30 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -       75 TO ITERATE

100.0% PROCESSED       75 ITERATIONS                               27 ANSWERS
SEARCH TIME: 00.00.01

L7           27 SEA SSS FUL L5

=> FIL HCAPLUS
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                     172.10     362.75

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                       0.00      -1.56

FILE 'HCAPLUS' ENTERED AT 15:18:38 ON 11 JUL 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
```

FILE COVERS 1907 - 11 Jul 2007 VOL 147 ISS 3
FILE LAST UPDATED: 10 Jul 2007 (20070710/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l7
L8 2 L7

=> FIL REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	5.20	367.95

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-1.56

FILE 'REGISTRY' ENTERED AT 15:19:35 ON 11 JUL 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5
DICTIONARY FILE UPDATES: 10 JUL 2007 HIGHEST RN 942116-98-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH December 2, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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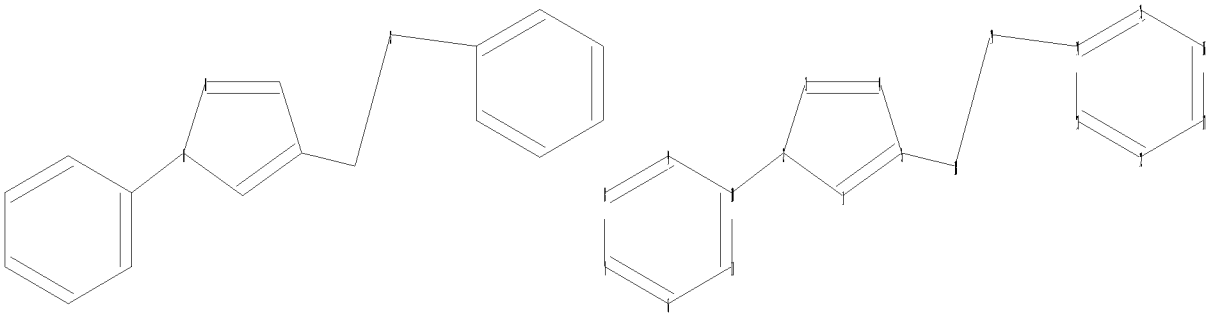

chain nodes :
18 19
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
chain bonds :
2-10 5-18 14-19 18-19
ring bonds :
1-2 1-5 2-3 3-4 4-5 6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14
14-15 15-16 16-17
exact/norm bonds :
1-2 2-3 2-10 3-4 14-19 18-19
exact bonds :
1-5 4-5 5-18
normalized bonds :
6-7 6-11 7-8 8-9 9-10 10-11 12-13 12-17 13-14 14-15 15-16 16-17
isolated ring systems :
containing 1 : 6 : 12 :

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:CLASS 19:CLASS

L9 STRUCTURE UPLOADED

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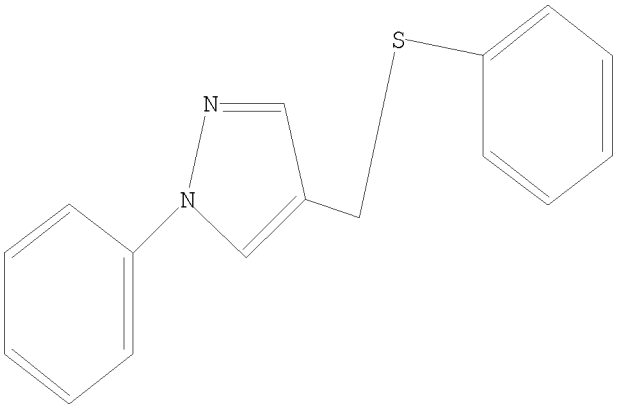
L9 HAS NO ANSWERS
L9 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED -       12 TO ITERATE

100.0% PROCESSED       12 ITERATIONS                                6 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:           33 TO      447
PROJECTED ANSWERS:               6 TO      266

L10           6 SEA SSS SAM L9

=> s l9 sss full
FULL SEARCH INITIATED 15:19:59 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      415 TO ITERATE

100.0% PROCESSED      415 ITERATIONS                             183 ANSWERS
SEARCH TIME: 00.00.01

L11         183 SEA SSS FUL L9

=> FIL HCAPLUS
COST IN U.S. DOLLARS                              SINCE FILE      TOTAL
                                                     ENTRY    SESSION
FULL ESTIMATED COST                                 172.10     540.05

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)        SINCE FILE      TOTAL
                                                     ENTRY    SESSION
CA SUBSCRIBER PRICE                                   0.00      -1.56

FILE 'HCAPLUS' ENTERED AT 15:20:04 ON 11 JUL 2007
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2007 AMERICAN CHEMICAL SOCIETY (ACS)
```

FILE COVERS 1907 - 11 Jul 2007 VOL 147 ISS 3
FILE LAST UPDATED: 10 Jul 2007 (20070710/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

 This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> d his

     (FILE 'HOME' ENTERED AT 15:15:38 ON 11 JUL 2007)

     FILE 'REGISTRY' ENTERED AT 15:15:50 ON 11 JUL 2007
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L2   0 S L1
L3   21 S L1 SSS FULL

     FILE 'HCAPLUS' ENTERED AT 15:16:19 ON 11 JUL 2007
L4   2 S L3

     FILE 'REGISTRY' ENTERED AT 15:18:05 ON 11 JUL 2007
L5   STRUCTURE UPLOADED
L6   0 S L5
L7   27 S L5 SSS FULL

     FILE 'HCAPLUS' ENTERED AT 15:18:38 ON 11 JUL 2007
L8   2 S L7

     FILE 'REGISTRY' ENTERED AT 15:19:35 ON 11 JUL 2007
L9   STRUCTURE UPLOADED
L10   6 S L9
L11   183 S L9 SSS FULL

     FILE 'HCAPLUS' ENTERED AT 15:20:04 ON 11 JUL 2007

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L12   16 L11

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L13   12 L12 AND PY<=2003

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       5783944 P/DT
L14   7 L13 AND P/DT

=> d l8 ibib abs hitstr tot

L8 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:606448 HCAPLUS
DOCUMENT NUMBER: 141:157111
TITLE: Preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes mellitus, atherosclerosis, and cardiovascular disorders
INVENTOR(S): Conner, Scott Eugene; Ma, Tianwei; Mantlo, Nathan Bryan; Mayhugh, Daniel Ray; Schkeryantz, Jeffrey Michael; Warshawsky, Alan M.; Zhu, Guoxin
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: PCT Int. Appl., 214 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2004063166	A1	20040729	WO 2003-US39119		20031231
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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
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EP 1585733	A1	20051019	EP 2003-815195		20031231
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US 2006241157	A1	20061026	US 2005-540341		20050621
PRIORITY APPLN. INFO.:			US 2003-438563P	P	20030106
			WO 2003-US39119	W	20031231

OTHER SOURCE(S): MARPAT 141:157111
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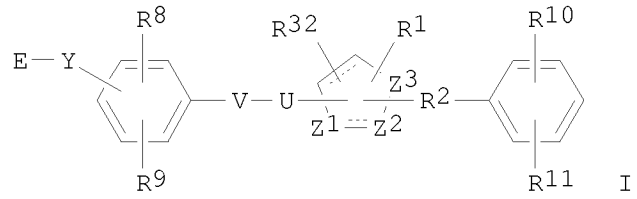

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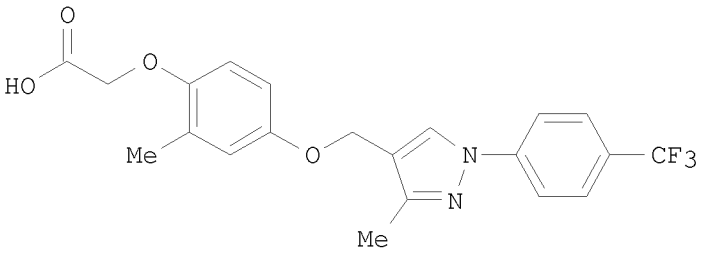


II

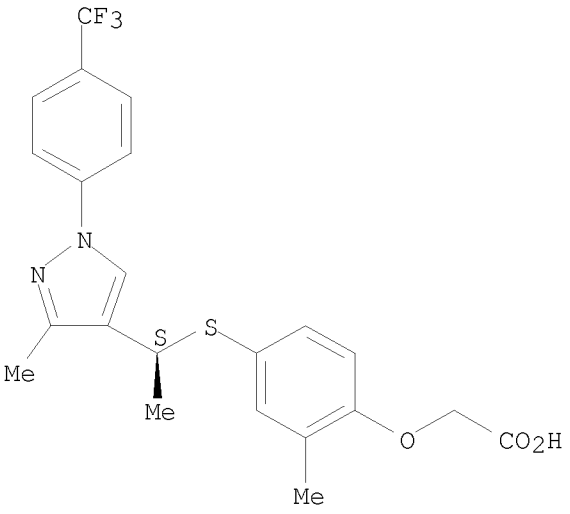
AB Title pyrazoles, imidazoles, and (is)oxazoles I [wherein R1 = H, (un)substituted alkyl, alkenyl, (hetero)aryl(alkyl), arylheteroalkyl, cycloalkylaryl(alkyl); R2 = absent, (hetero)alkyl; R8 = H, alkyl, alkylenyl, halo; R9 = H, (un)substituted alkyl, alkylenyl, halo, aryl(alkyl), heteroaryl, allyl, alkoxy, alkylthio, etc.; R10, R11 = independently H, OH, CN, NO2, halo, oxo, (un)substituted (halo)alkyl, alkoxy, cycloalkyl, (hetero)aryl(alkyl), cycloalkylaryl(alkyl), aryloxy, acyl, carboxy, amino, sulfamoyl, etc.; R32 = bond, H, halo, (halo)alkyl, alkyloxo; E = (un)substituted carboxy(methyl), tetrazolyl(methyl), nitriloalkyl, carboxamido(methyl), sulfonamido(methyl); U = (un)substituted aliphatic linker wherein one C of the linker is optionally replaced with O, NH, or S; X = bond, O, S, SO2, NH; Y = bond, CH2, NH; Z1, Z2 = independently N, O, C, whit the proviso that at least one of Z1 and Z2 = N; Z3 = N, O, C; or stereoisomers, pharmaceutically acceptable salts, solvates, and hydrates thereof] were prepared as peroxisome proliferator activated receptor (PPAR) modulators (no data). For example, chlorination of [3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methanol with MeSO2Cl and TEA in CH2Cl2, followed by coupling with (4-hydroxy-2-methylphenoxy)acetic acid Me ester using Cs2CO3 in acetonitrile and saponification with NaOH in MeOH provided II. I and their pharmaceutical compns. are expected to be effective in treating and preventing metabolic disorders, diabetes mellitus, atherosclerosis, and cardiovascular disorders (no data).

IT 728913-38-0P, (S)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]ethanoic acid 728913-39-1P, (R)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]ethanoic acid 728913-46-0P, (S)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]ethanoic acid 728913-47-1P, (R)-[2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]ethanoic acid 728914-62-3P, (R)-[4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-63-4P, (S)-[4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-

yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
RL: PAC (Pharmacological activity); PUR (Purification or recovery); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(PPAR modulator; preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes, atherosclerosis, and cardiovascular disorders)

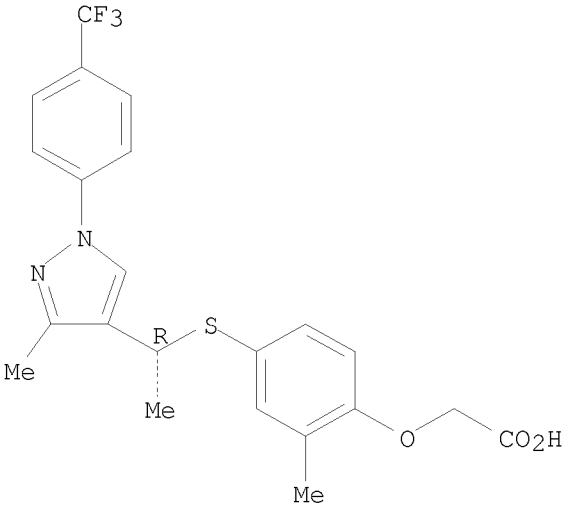
RN 728913-38-0 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(1S)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



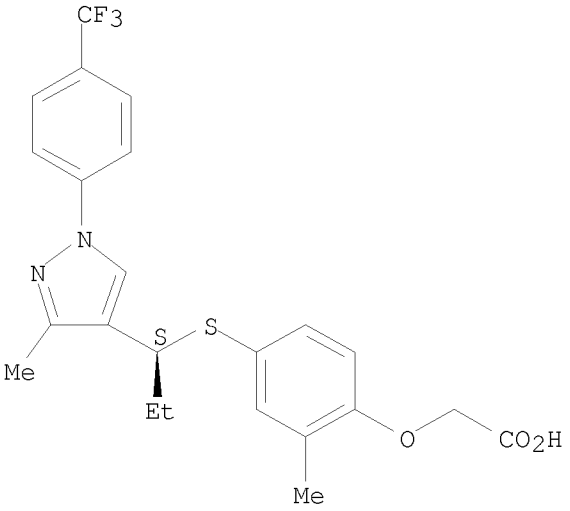
RN 728913-39-1 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(1R)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



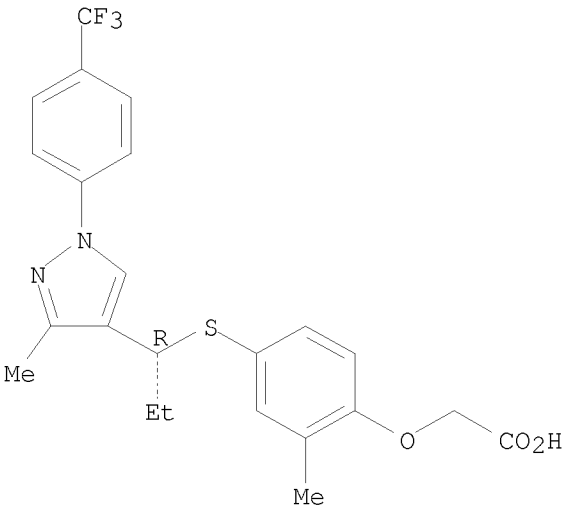
RN 728913-46-0 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(1S)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



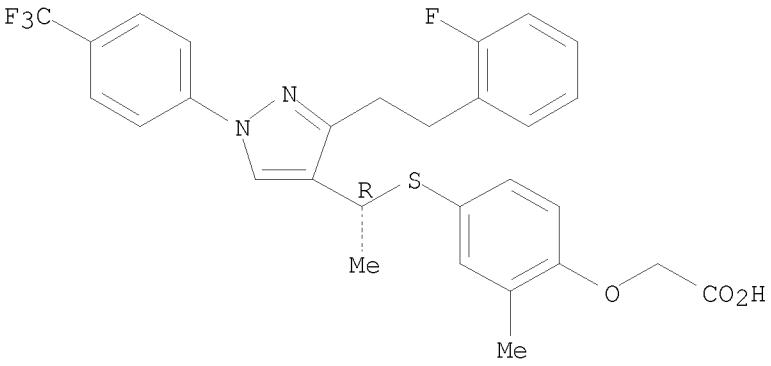
RN 728913-47-1 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(1R)-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



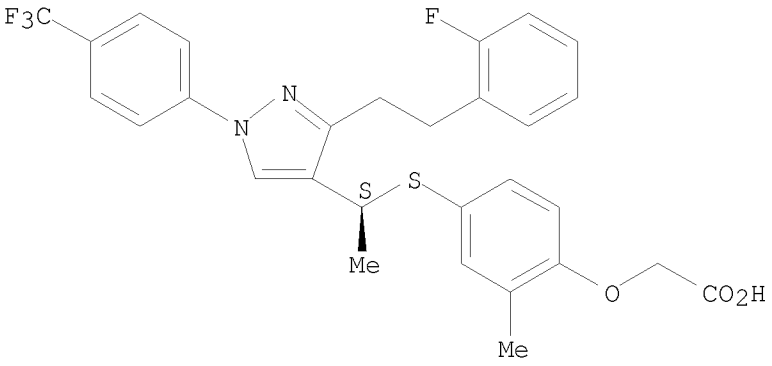
RN 728914-62-3 HCAPLUS
CN Acetic acid, [4-[[(1R)-1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 728914-63-4 HCAPLUS
CN Acetic acid, [4-[[(1S)-1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]-(9CI) (CA INDEX NAME)

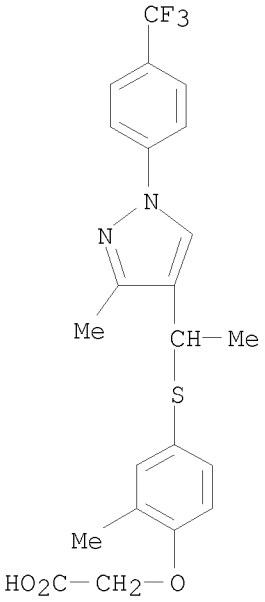
Absolute stereochemistry.



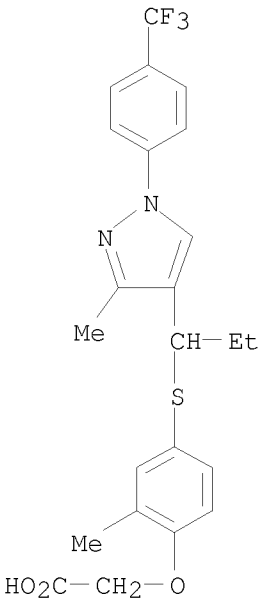
IT 728913-22-2P, [2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]acetic acid
728913-36-8P, [2-Methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]phenoxy]acetic acid
728913-52-8P, [4-[[[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
728913-53-9P, [4-[[[1-[3,5-Bis(trifluoromethyl)phenyl]-5-methyl-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
728913-55-1P, [4-[[1-[3-Isopropyl-1-(4-trifluoromethoxyphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid
728913-59-5P, [4-[[[3-Isopropyl-1-(4-trifluoromethoxyphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
728913-61-9P, [4-[[[5-Chloro-3-isopropyl-1-(4-trifluoromethoxyphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid 728913-74-4P, [2-Methyl-4-[[(5-methyl-1-phenyl-1H-pyrazol-4-yl)methyl]sulfanyl]phenoxy]acetic acid
728913-77-7P, [2-Methyl-4-[[(3-methyl-1-phenyl-1H-pyrazol-4-yl)methyl]sulfanyl]phenoxy]acetic acid 728913-92-6P,
[4-[[1-[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728913-94-8P,
[4-[[1-[3,5-Dimethyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]propyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-05-4P,
[2-Methyl-4-[[1-methyl-1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]acetic acid 728914-08-7P,
[4-[[[3-Isopropyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-14-5P,
[4-[[1-[3-Isopropyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]-1-methylethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-19-0P,
[4-[[1-[3-tert-Butyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-30-5P,
2-Methyl-2-[2-methyl-4-[[1-[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]phenoxy]propionic acid 728914-46-3P,
[4-[[[3-tert-Butyl-5-chloro-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-48-5P,
[4-[[[3-tert-Butyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-49-6P,
[4-[[1-[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]ethyl]sulfanyl]-2-methylphenoxy]acetic acid 728914-51-0P,
[4-[[[3-[2-(2-Fluorophenyl)ethyl]-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]-2-methylphenoxy]acetic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU

(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(PPAR modulator; preparation of pyrazoles and analogs as PPAR modulators for treatment of metabolic disorders, diabetes, atherosclerosis, and cardiovascular disorders)

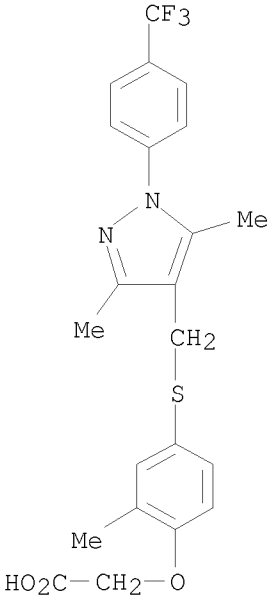
RN 728913-22-2 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



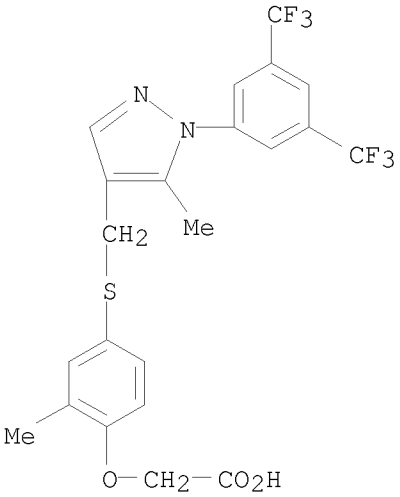
RN 728913-36-8 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



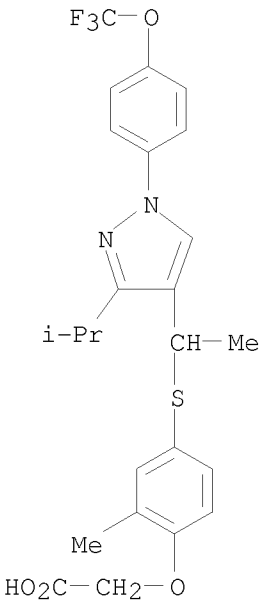
RN 728913-52-8 HCAPLUS
CN Acetic acid, [4-[[[3,5-dimethyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



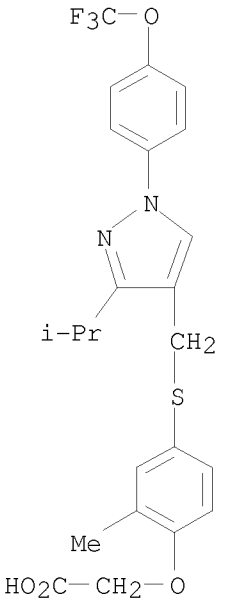
RN 728913-53-9 HCAPLUS
CN Acetic acid, [4-[[[1-[3,5-bis(trifluoromethyl)phenyl]-5-methyl-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



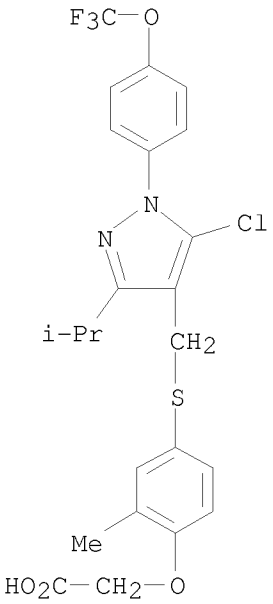
RN 728913-55-1 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-[3-(1-methylethyl)-1-[4-(trifluoromethoxy)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



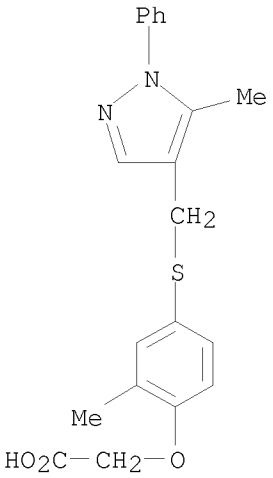
RN 728913-59-5 HCAPLUS
CN Acetic acid, [2-methyl-4-[[[3-(1-methylethyl)-1-[4-(trifluoromethoxy)phenyl]-1H-pyrazol-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



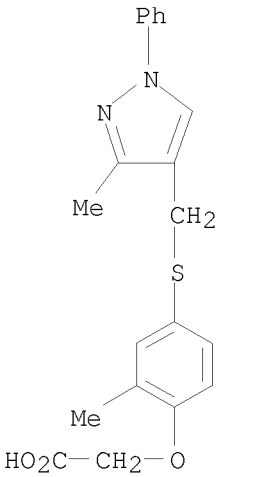
RN 728913-61-9 HCAPLUS
CN Acetic acid, [4-[[[5-chloro-3-(1-methylethyl)-1-[4-(trifluoromethoxy)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



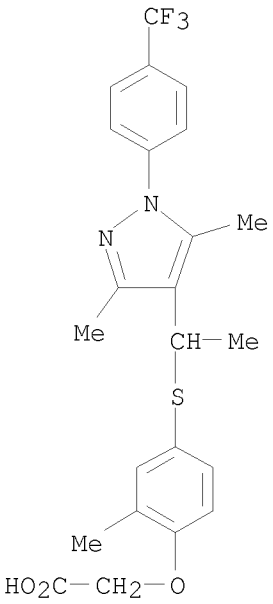
RN 728913-74-4 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(5-methyl-1-phenyl-1H-pyrazol-4-yl)methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



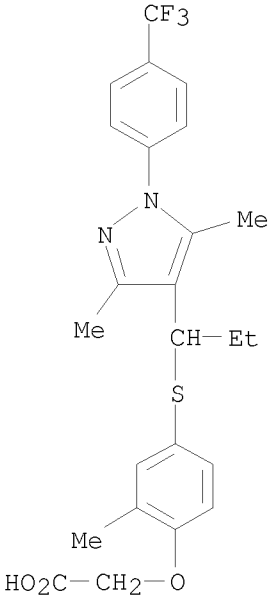
RN 728913-77-7 HCAPLUS
CN Acetic acid, [2-methyl-4-[[(3-methyl-1-phenyl-1H-pyrazol-4-yl)methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



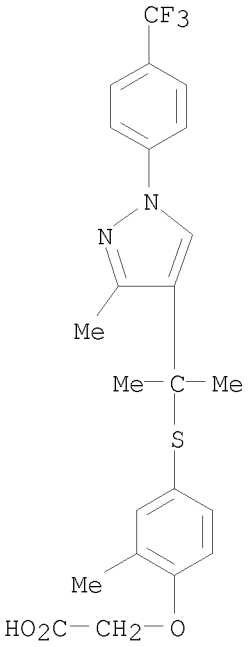
RN 728913-92-6 HCAPLUS
CN Acetic acid, [4-[[1-[3,5-dimethyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



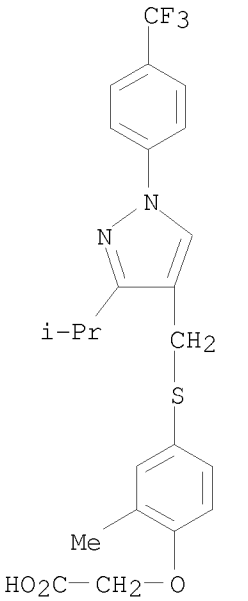
RN 728913-94-8 HCAPLUS
CN Acetic acid, [4-[[1-[3,5-dimethyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]propyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 728914-05-4 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-methyl-1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

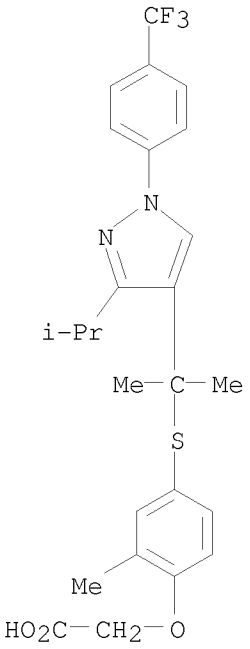


RN 728914-08-7 HCAPLUS
CN Acetic acid, [2-methyl-4-[[[3-(1-methylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

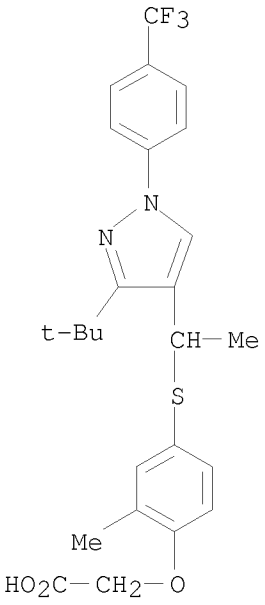


RN 728914-14-5 HCAPLUS
CN Acetic acid, [2-methyl-4-[[1-methyl-1-[3-(1-methylethyl)-1-[4-

(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

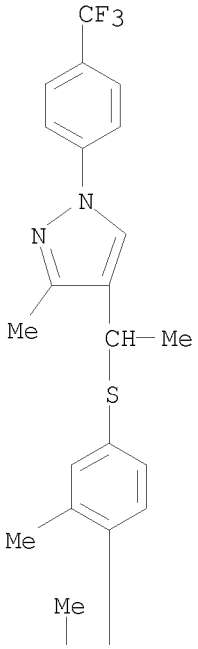


RN 728914-19-0 HCAPLUS
CN Acetic acid, [4-[[1-[3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)

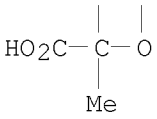


RN 728914-30-5 HCAPLUS
CN Propanoic acid, 2-methyl-2-[2-methyl-4-[[1-[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]phenoxy]- (9CI) (CA INDEX NAME)

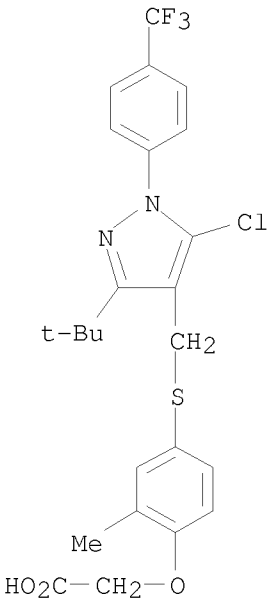
PAGE 1-A



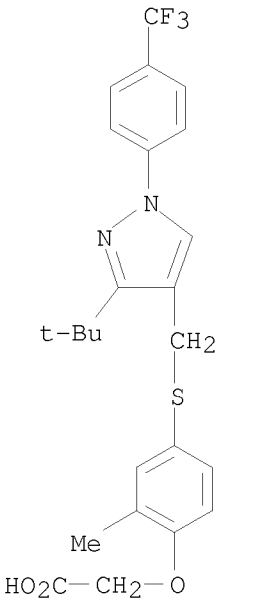
PAGE 2-A



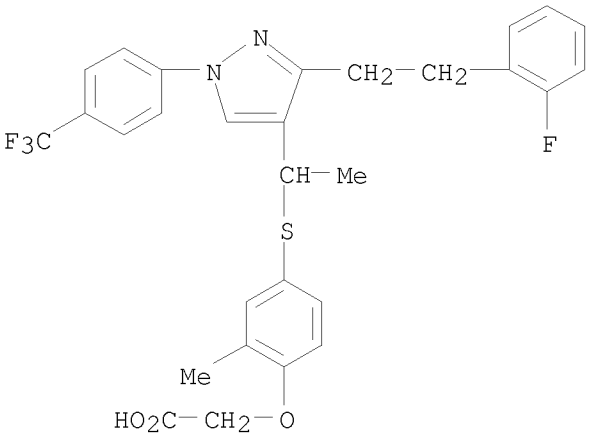
RN 728914-46-3 HCAPLUS
CN Acetic acid, [4-[[[5-chloro-3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



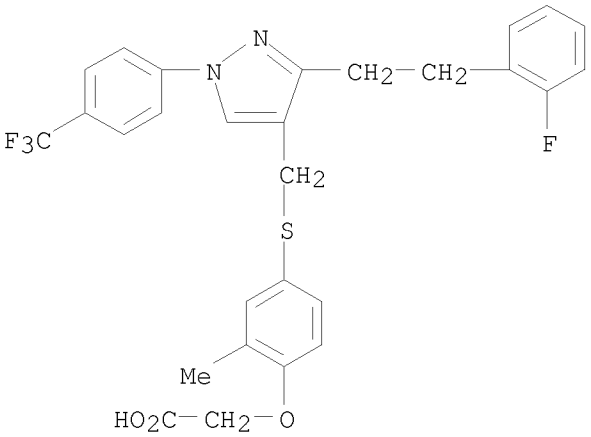
RN 728914-48-5 HCAPLUS
CN Acetic acid, [4-[[[3-(1,1-dimethylethyl)-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



RN 728914-49-6 HCAPLUS
CN Acetic acid, [4-[[1-[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]ethyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



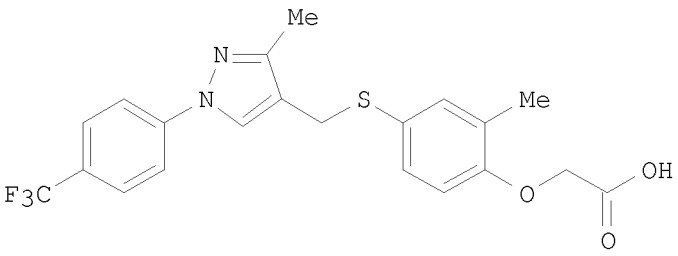
RN 728914-51-0 HCAPLUS
CN Acetic acid, [4-[[[3-[2-(2-fluorophenyl)ethyl]-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]-2-methylphenoxy]- (9CI) (CA INDEX NAME)



L8 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:606447 HCAPLUS
DOCUMENT NUMBER: 141:157110
TITLE: Preparation of a pyrazole as a PPAR modulator for treatment of diabetes mellitus, inflammatory diseases, and other disorders
INVENTOR(S): Conner, Scott Eugene; Mantlo, Nathan Bryan; Mayhugh, Daniel Ray; Zhu, Guoxin
PATENT ASSIGNEE(S): Eli Lilly and Company, USA
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063165	A1	20040729	WO 2003-US39117	20031231
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003296401	A1	20040810	AU 2003-296401	20031231
EP 1583746	A1	20051012	EP 2003-815193	20031231
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
US 2007043220	A1	20070222	US 2005-537282	20050531
PRIORITY APPLN. INFO.:			US 2003-438563P P	20030106
			WO 2003-US39117 W	20031231

GI

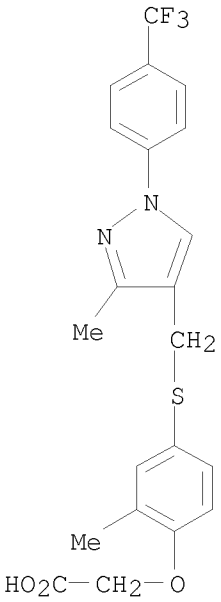


I

AB The present invention is directed to a compound, [2-methyl-4-[[[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid (I), and pharmaceutically acceptable salts, solvates, and hydrates thereof for use as a peroxisome proliferator activated receptor (PPAR) modulator. Examples include three synthetic methods for the preparation of I, as well as protocols and some data for biol. assays. For instance, I was prepared by alkylation of (4-mercapto-2-methylphenoxy)acetic acid Et ester with 4-chloromethyl-3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazole using Cs2CO3 in acetonitrile, followed by saponification with NaOH in MeOH. In binding studies, I activated huPPARδ, PPARα, and PPARγ with EC50 values of 20 nM, 1800 nM, and 2600 nM, resp. Thus, I and its pharmaceutical compns. are expected to be effective in treating and preventing diabetes mellitus, cardiovascular disorders, inflammatory conditions, and other disorders (no data).

IT 728043-46-7P, [2-Methyl-4-[[[3-methyl-1-(4-trifluoromethylphenyl)-1H-pyrazol-4-yl]methyl]sulfanyl]phenoxy]acetic acid
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(PPARδ modulator; preparation of a [[(pyrazolylmethyl)sulfanyl]phenoxy

]acetic acid as a PPAR modulator for treatment of diabetes mellitus, inflammatory diseases, and other disorders)
RN 728043-46-7 HCAPLUS
CN Acetic acid, [2-methyl-4-[[[3-methyl-1-[4-(trifluoromethyl)phenyl]-1H-pyrazol-4-yl]methyl]thio]phenoxy]- (9CI) (CA INDEX NAME)



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L14 ANSWER 1 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2001:661400 HCAPLUS
DOCUMENT NUMBER: 135:226990
TITLE: Preparation of 4-thiomethylpyrazoles as pesticides
INVENTOR(S): Wu, Tai-teh; Scribner, Andrew William
PATENT ASSIGNEE(S): Aventis CropScience SA, Fr.
SOURCE: PCT Int. Appl., 44 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

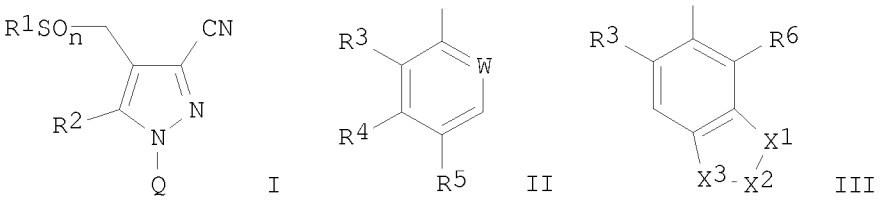
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001064651	A1	20010907	WO 2001-EP2306	20010301 <--

W: AE, AG, AL, AM, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CN, CR, CU, CZ, DM, DZ, EE, GD, GE, HR, HU, ID, IL, IN, IS, JP, KG, KP, KR, KZ, LC, LK, LR, LT, LV, MA, MD, MG, MK, MN, MX, NO, NZ, PL, RO, RU, SG, SI, SK, TJ, TM, TT, UA, US, UZ, VN, YU, ZA
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

EP 1263734	A1	20021211	EP 2001-919359		20010301 <--
EP 1263734	B1	20060920			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
JP 2003525275	T	20030826	JP 2001-563493		20010301 <--
AT 340163	T	20061015	AT 2001-919359		20010301
US 2001053854	A1	20011220	US 2001-796651		20010302 <--
US 6458744	B2	20021001			
PRIORITY APPLN. INFO.:			US 2000-186313P	P	20000302
			WO 2001-EP2306	W	20010301

OTHER SOURCE(S): MARPAT 135:226990

GI

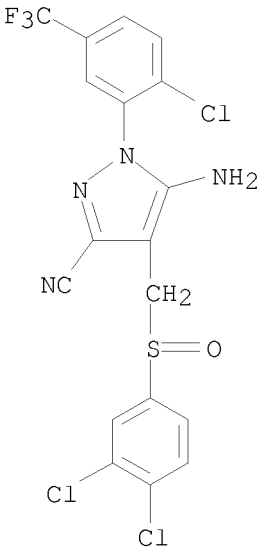


AB The title compds. [I; Q = II, III; W = N, CR6; X1X2X3 = CF2CF2O, CF2OCF2, OCF2O; R1 = alkyl, haloalkyl, alkenyl, etc.; R2 = H, halo, (un)substituted NH2; R3, R6 = H, halo; R4 = H, haloalkyl; R5 = H, halo, haloalkyl, etc.; n = 0-2], useful as pesticides, were prepared Thus, reacting 2-methylbutanethiol with 1-(2,6-dichloro-4-trifluoromethylphenyl)-3-cyano-4-formylpyrazole with BF3.Et2O in 1,2-dichloroethane followed by addition of Et3SiH, and then treating the resulting intermediate with DMF afforded I [Q = II; W = CCl; R1 = 2-methylbutyl; R2 = NH2; R3 = Cl; R4 = H; R5 = CF3; n = 0]. Biol. data for compds. I were given.

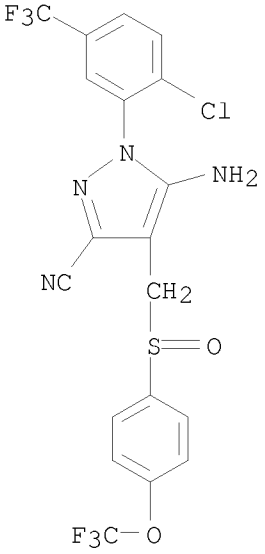
IT 358762-16-0 358762-17-1
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study); USES (Uses)
(preparation of 4-thiomethylpyrazoles as pesticides)

RN 358762-16-0 HCAPLUS

CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(3,4-dichlorophenyl)sulfinyl]methyl]- (9CI) (CA INDEX NAME)



RN 358762-17-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[4-(trifluoromethoxy)phenyl]sulfinyl]methyl]- (9CI) (CA INDEX NAME)



IT 358760-22-2P 358760-23-3P 358760-24-4P
358760-25-5P 358760-26-6P 358760-27-7P
358760-28-8P 358760-29-9P 358760-30-2P
358760-32-4P 358760-33-5P 358760-34-6P
358760-35-7P 358760-36-8P 358760-37-9P
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358760-60-8P 358760-61-9P 358760-62-0P
358760-63-1P 358760-64-2P 358760-65-3P
358760-67-5P 358760-69-7P 358760-70-0P

358760-71-1P 358760-72-2P 358760-73-3P
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358761-06-5P 358761-07-6P 358761-15-6P
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358761-47-4P 358761-58-7P 358761-59-8P
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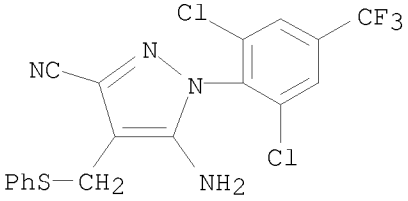
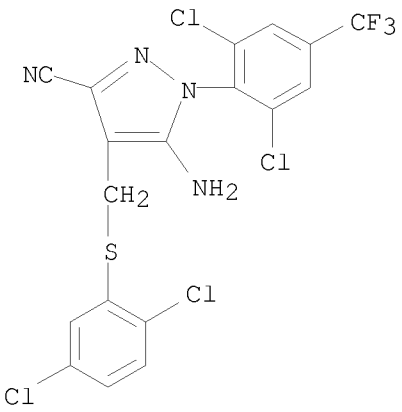
358762-54-6P 358762-57-9P 358762-61-5P
358762-62-6P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of 4-thiomethylpyrazoles as pesticides)

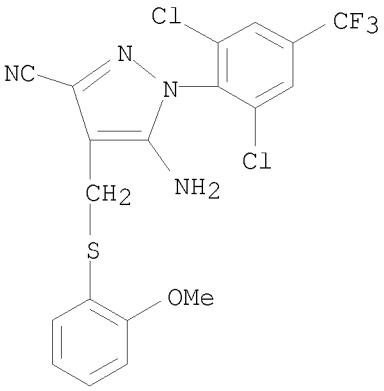
RN 358760-22-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)



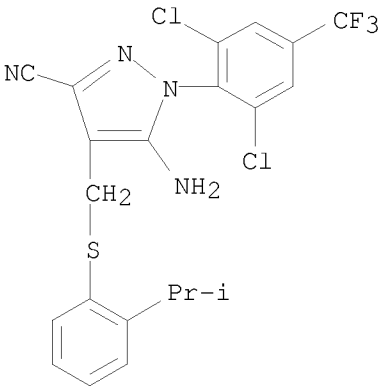
RN 358760-23-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(2,5-dichlorophenyl)thio]methyl]-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



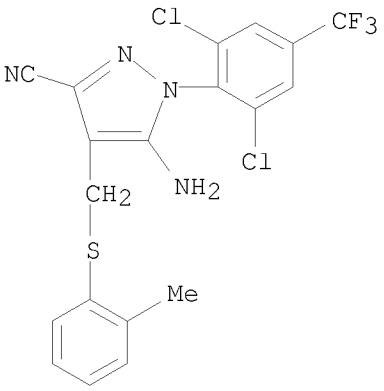
RN 358760-24-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[(2-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



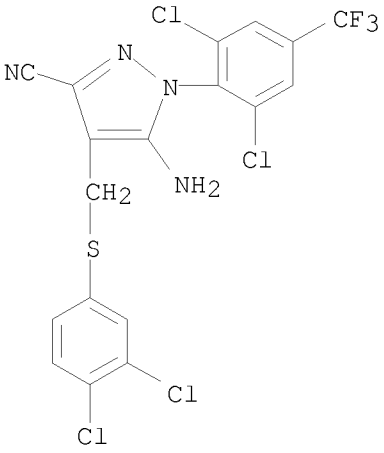
RN 358760-25-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[2-(1-methylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



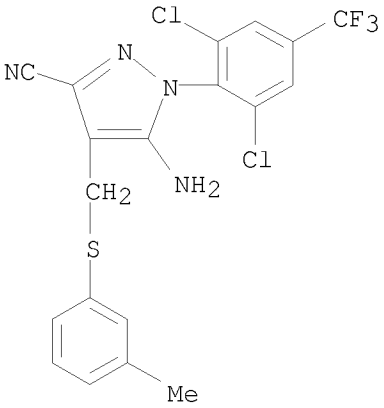
RN 358760-26-6 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[(2-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



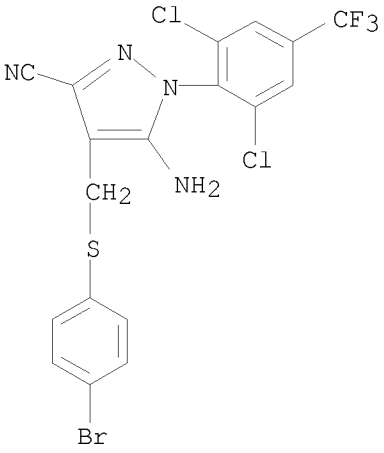
RN 358760-27-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(3,4-dichlorophenyl)thio]methyl]-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



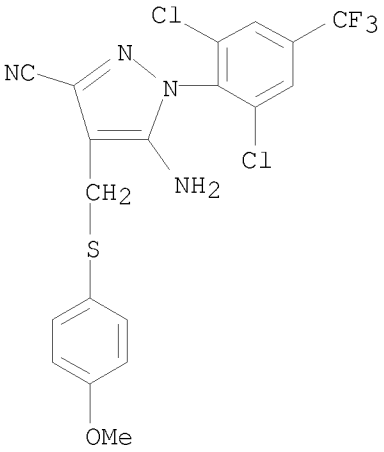
RN 358760-28-8 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[(3-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



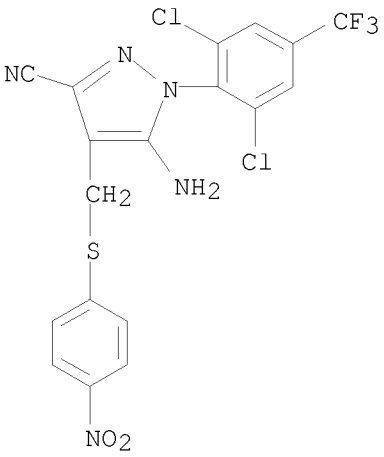
RN 358760-29-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(4-bromophenyl)thio]methyl]-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



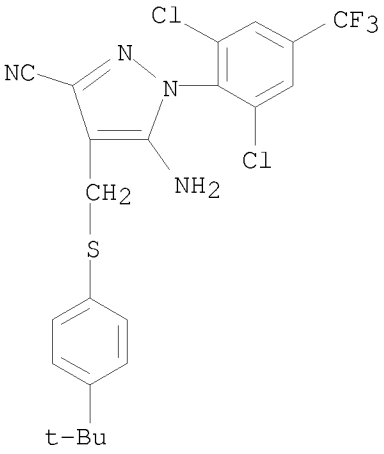
RN 358760-30-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[(4-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



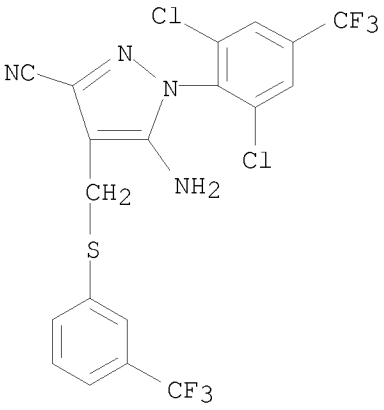
RN 358760-32-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[(4-nitrophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



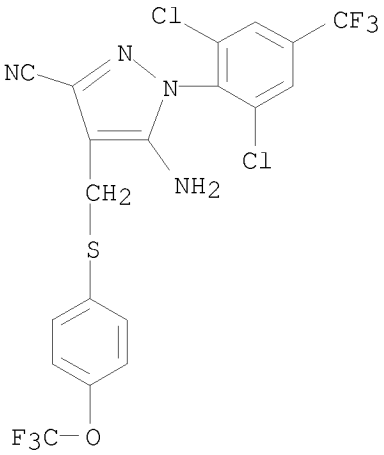
RN 358760-33-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1,1-dimethylethyl)phenyl]thio]methyl]-(9CI) (CA INDEX NAME)



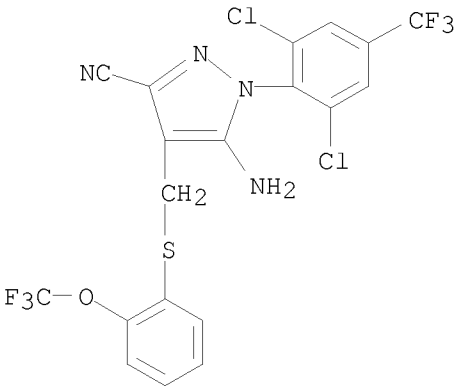
RN 358760-34-6 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[3-(trifluoromethyl)phenyl]thio]methyl]-(9CI) (CA INDEX NAME)



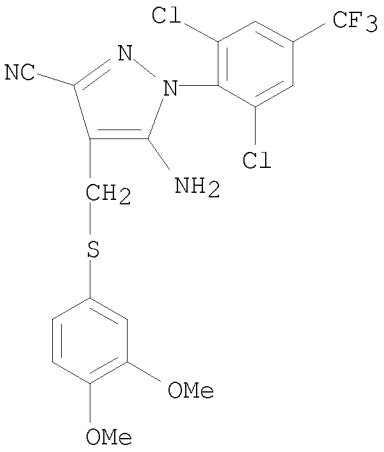
RN 358760-35-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]-(9CI) (CA INDEX NAME)



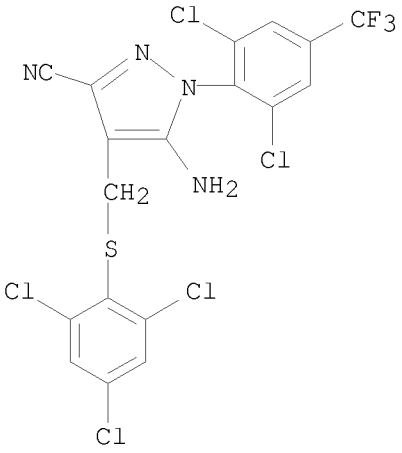
RN 358760-36-8 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[2-(trifluoromethoxy)phenyl]thio]methyl]-(9CI) (CA INDEX NAME)



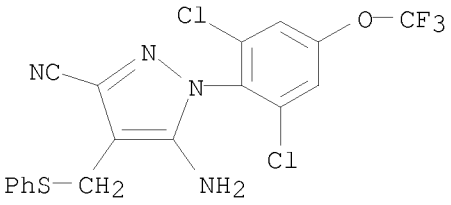
RN 358760-37-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[(3,4-dimethoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



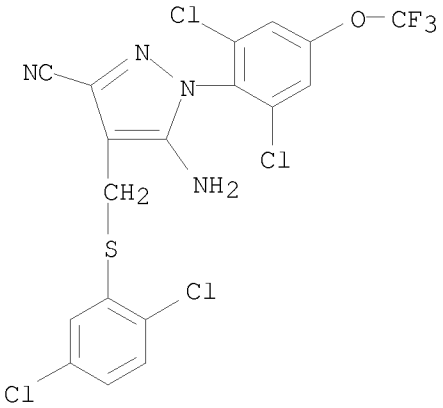
RN 358760-38-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[(2,4,6-trichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



RN 358760-58-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)

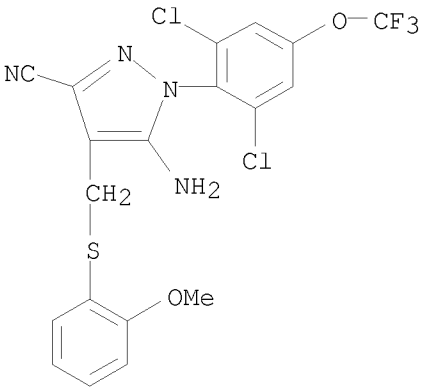


RN 358760-59-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(2,5-dichlorophenyl)thio]methyl]-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)

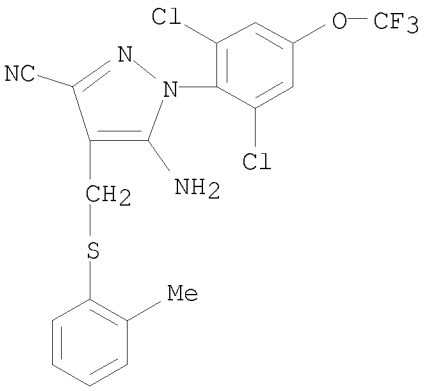


RN 358760-60-8 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[(2-methoxyphenyl)thio]methyl]- (9CI) (CA

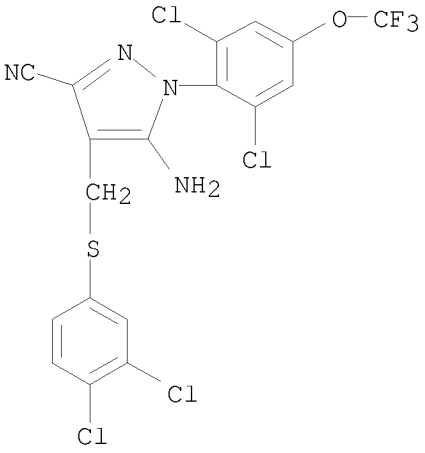
INDEX NAME)



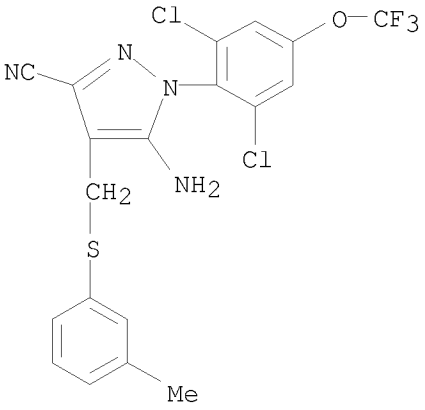
RN 358760-61-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[(2-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



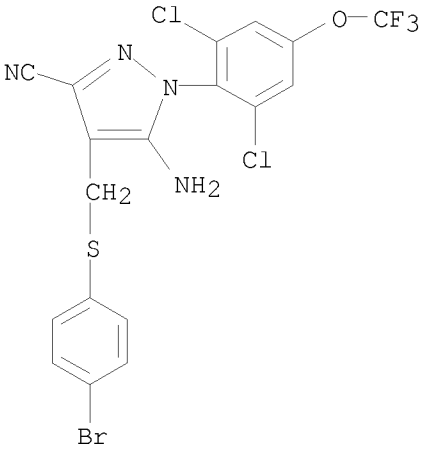
RN 358760-62-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(3,4-dichlorophenyl)thio]methyl]-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)



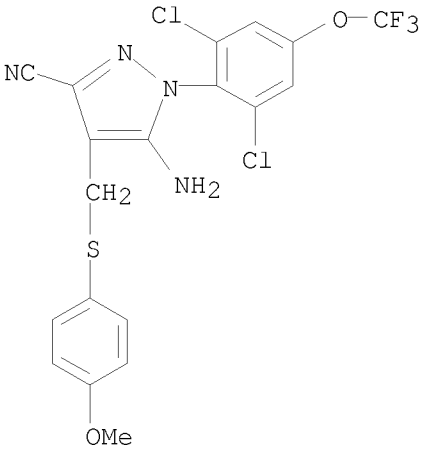
RN 358760-63-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[(3-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



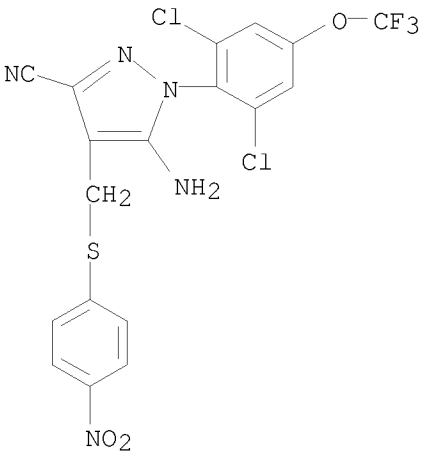
RN 358760-64-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(4-bromophenyl)thio]methyl]-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]- (9CI) (CA INDEX NAME)



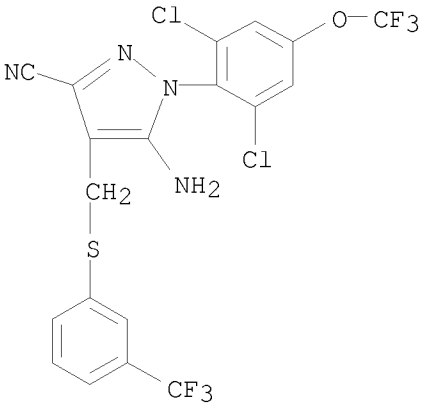
RN 358760-65-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[(4-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



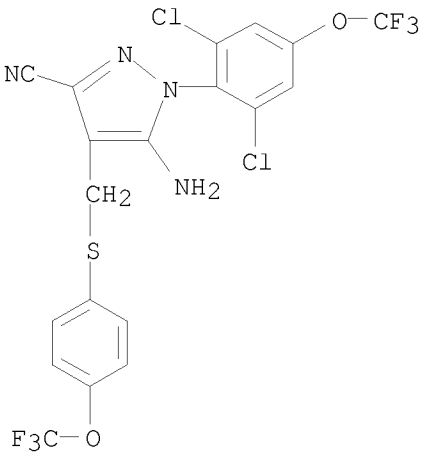
RN 358760-67-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[(4-nitrophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



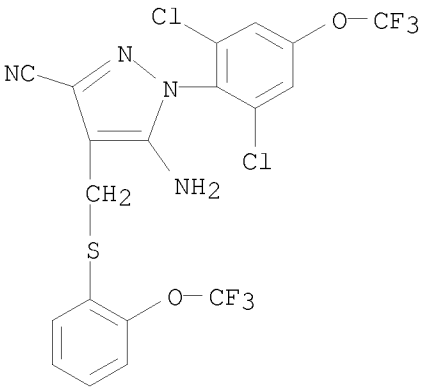
RN 358760-69-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[[3-(trifluoromethyl)phenyl]thio]methyl]-(9CI) (CA INDEX NAME)



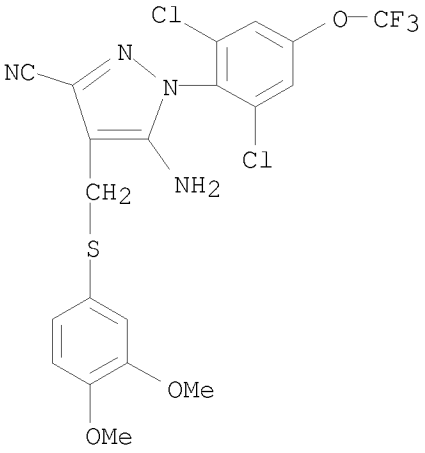
RN 358760-70-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]-(9CI) (CA INDEX NAME)



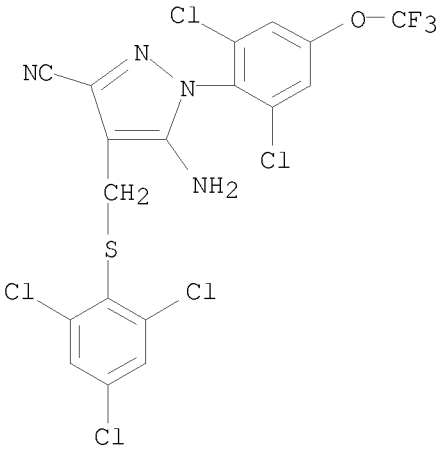
RN 358760-71-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[[2-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



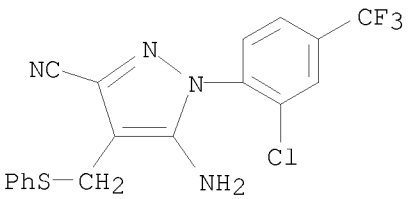
RN 358760-72-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[(3,4-dimethoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



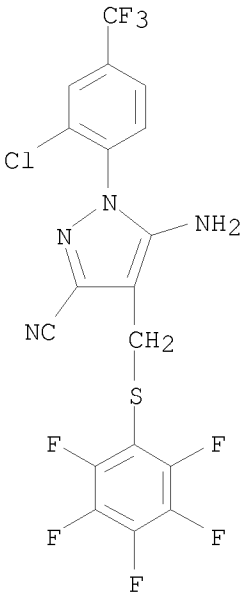
RN 358760-73-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[(2,4,6-trichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



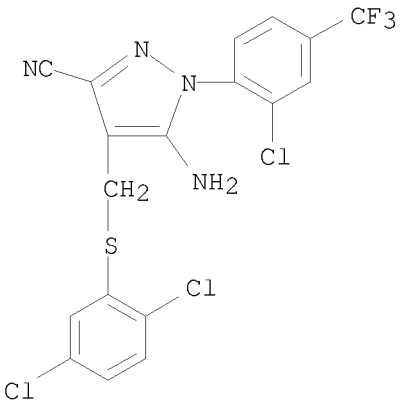
RN 358760-90-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)



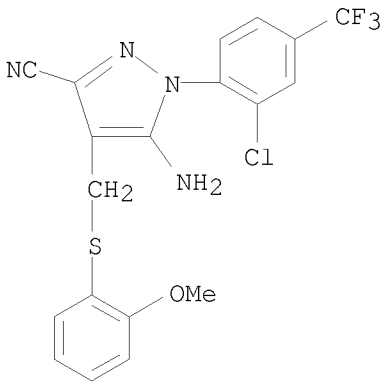
RN 358760-91-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[(pentafluorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



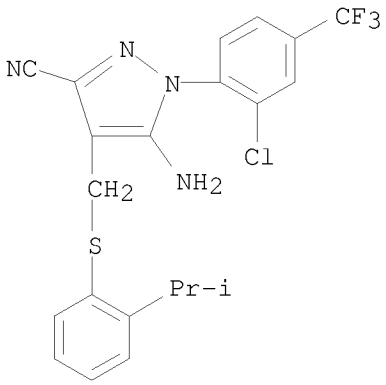
RN 358760-92-6 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[(2,5-dichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



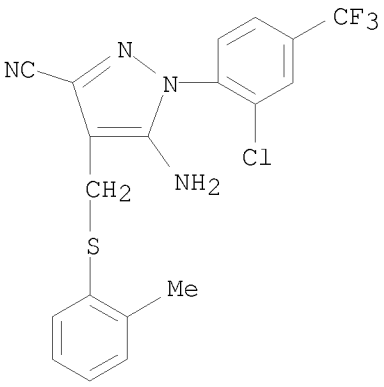
RN 358760-93-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[(2-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



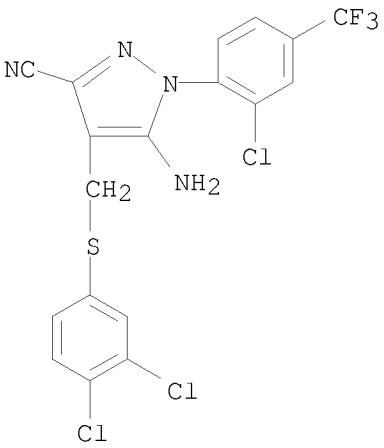
RN 358760-94-8 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[2-(1-methylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



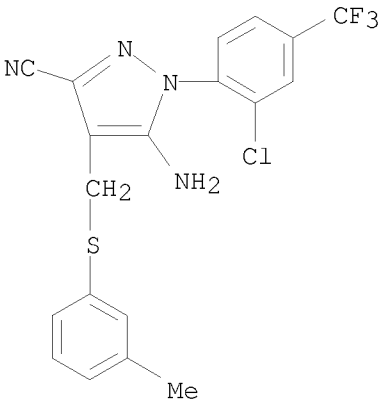
RN 358760-95-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[(2-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



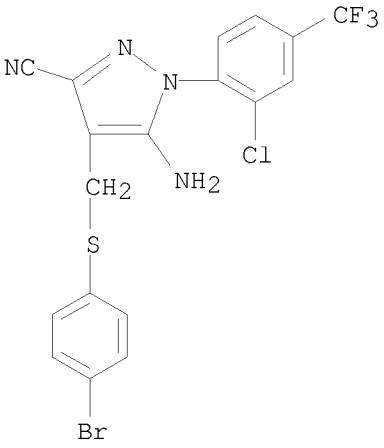
RN 358760-96-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[(3,4-dichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



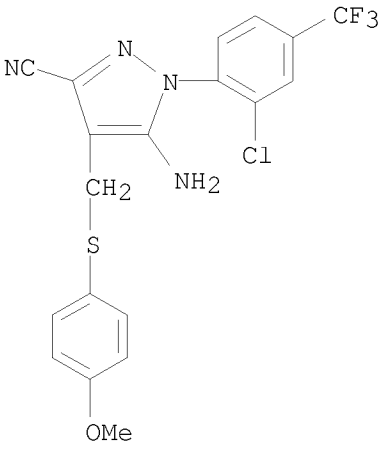
RN 358760-97-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[(3-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



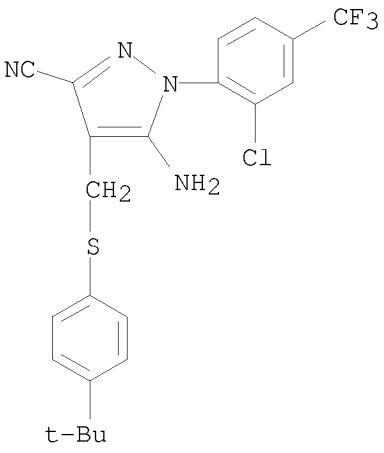
RN 358760-98-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(4-bromophenyl)thio]methyl]-1-[2-chloro-4-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



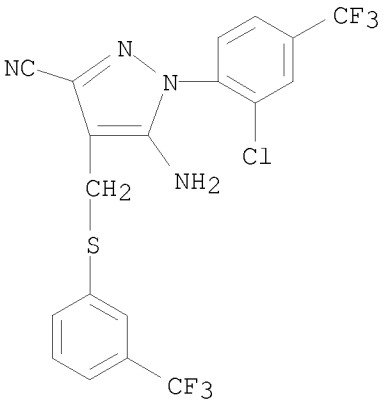
RN 358760-99-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[(4-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



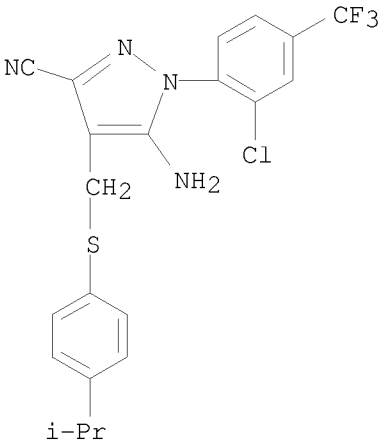
RN 358761-01-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1,1-dimethylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



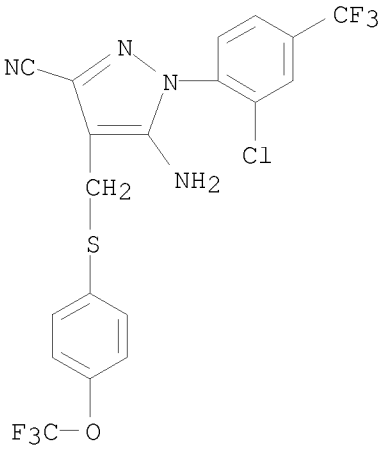
RN 358761-02-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[3-(trifluoromethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



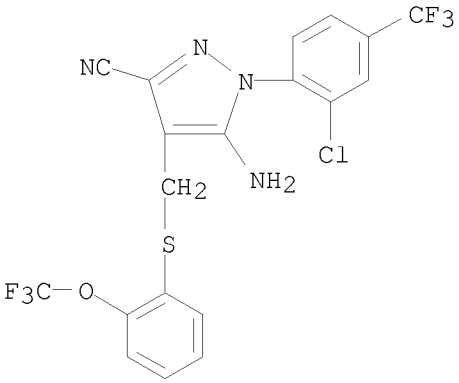
RN 358761-03-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1-methylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



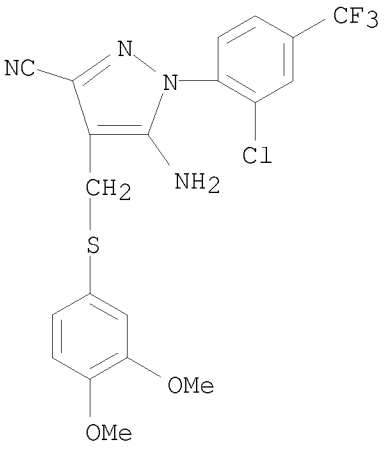
RN 358761-04-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



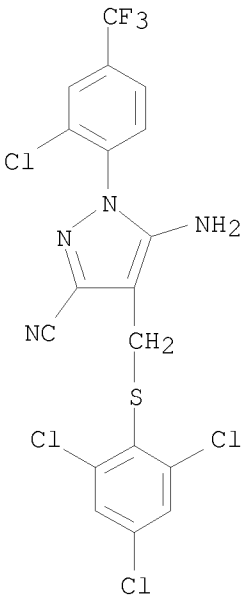
RN 358761-05-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[2-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



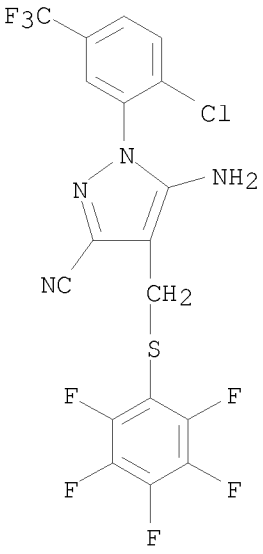
RN 358761-06-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[(3,4-dimethoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



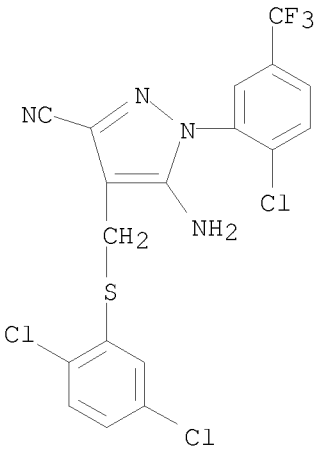
RN 358761-07-6 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[(2,4,6-trichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



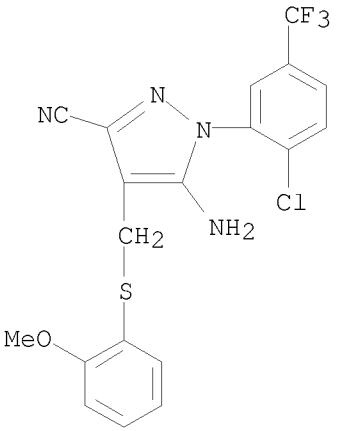
RN 358761-15-6 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(pentafluorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



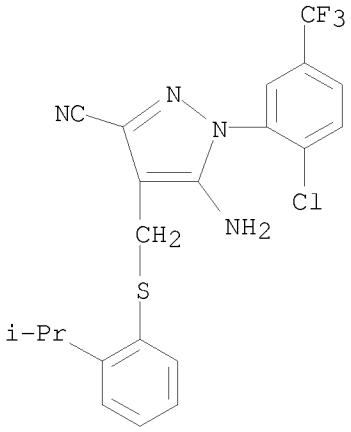
RN 358761-16-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(2,5-dichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



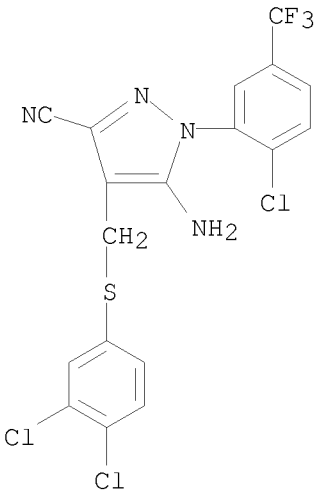
RN 358761-17-8 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(2-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



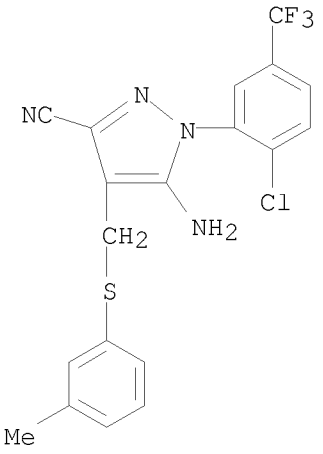
RN 358761-18-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[2-(1-methylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



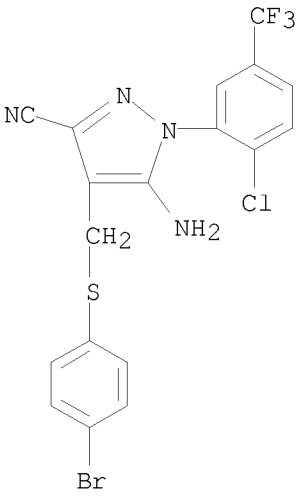
RN 358761-19-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(3,4-dichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



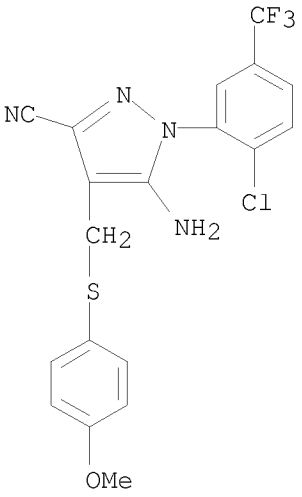
RN 358761-20-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(3-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



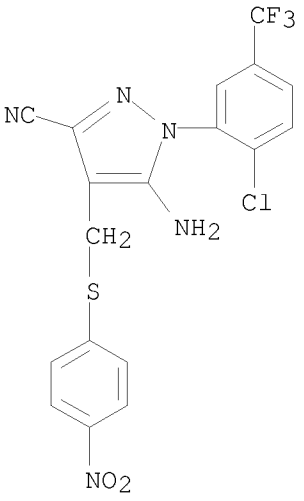
RN 358761-21-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(4-bromophenyl)thio]methyl]-1-[2-chloro-5-(trifluoromethyl)phenyl]- (9CI) (CA INDEX NAME)



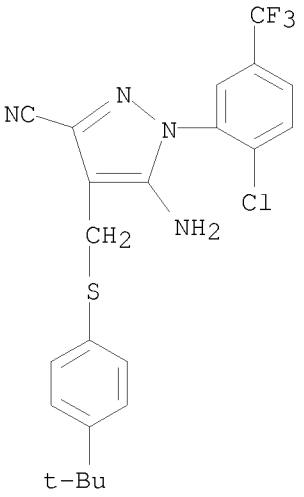
RN 358761-22-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(4-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



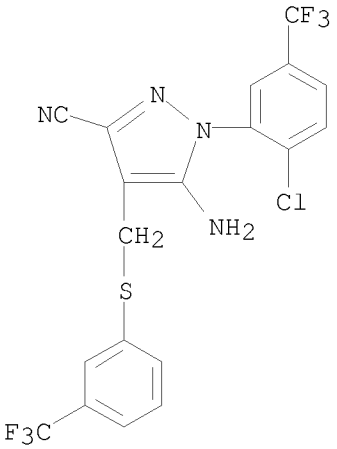
RN 358761-24-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(4-nitrophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



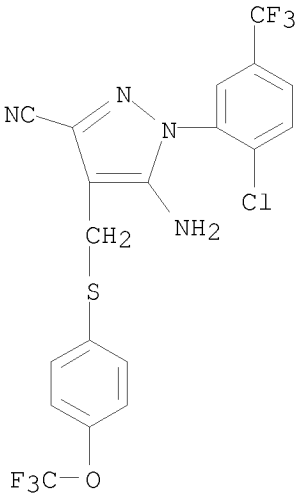
RN 358761-25-8 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[4-(1,1-dimethylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



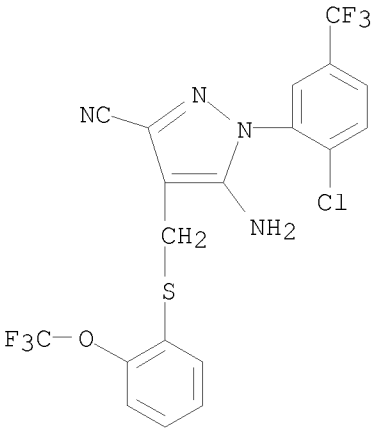
RN 358761-26-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[3-(trifluoromethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



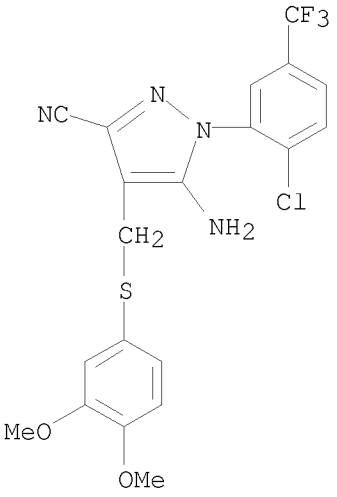
RN 358761-27-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



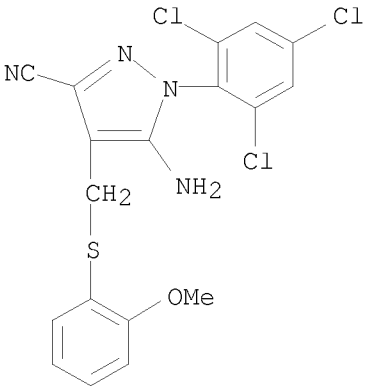
RN 358761-28-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[[2-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



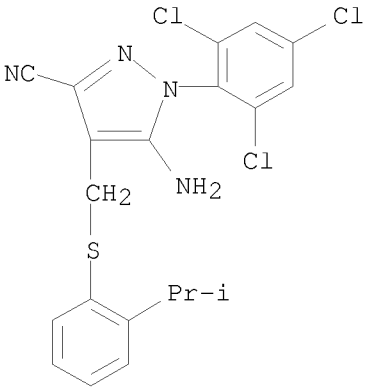
RN 358761-29-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(3,4-dimethoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



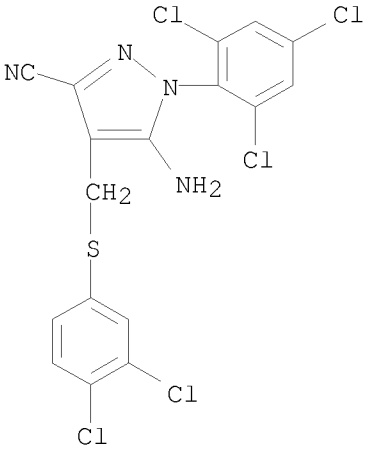
RN 358761-42-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(2-methoxyphenyl)thio]methyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



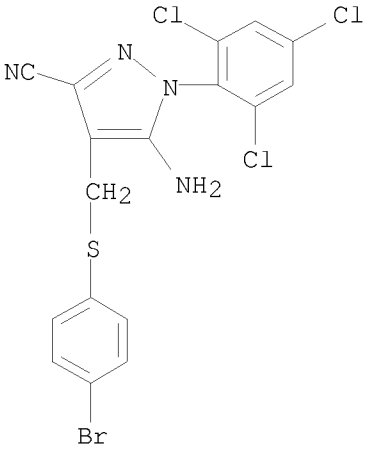
RN 358761-43-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[[2-(1-methylethyl)phenyl]thio]methyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



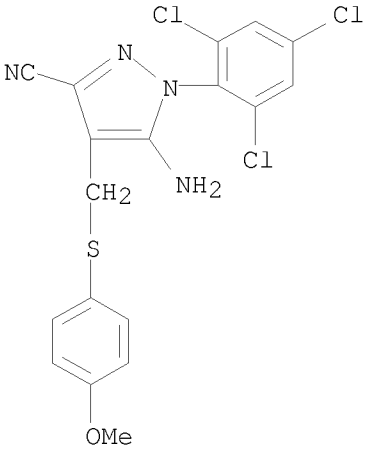
RN 358761-44-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(3,4-dichlorophenyl)thio]methyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



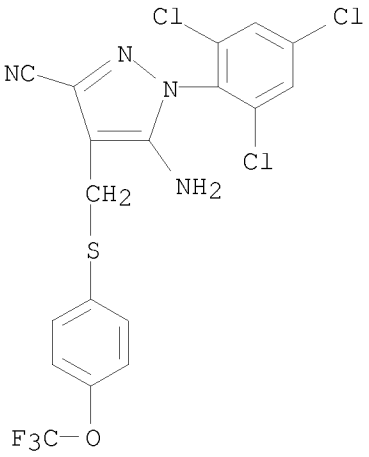
RN 358761-45-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(4-bromophenyl)thio]methyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



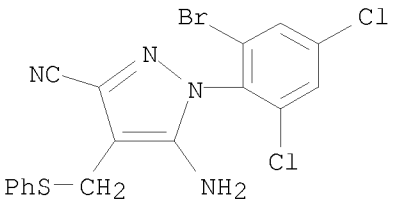
RN 358761-46-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-4-[[(4-methoxyphenyl)thio]methyl]-1-(2,4,6-trichlorophenyl)- (9CI) (CA INDEX NAME)



RN 358761-47-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2,4,6-trichlorophenyl)-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)

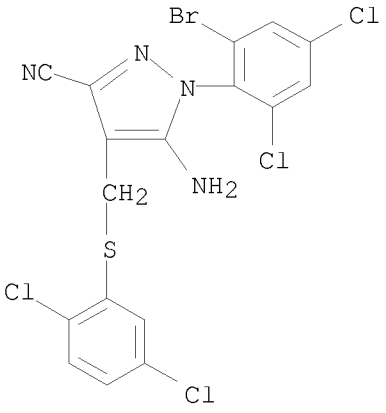


RN 358761-58-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[(phenylthio)methyl]- (9CI) (CA INDEX NAME)

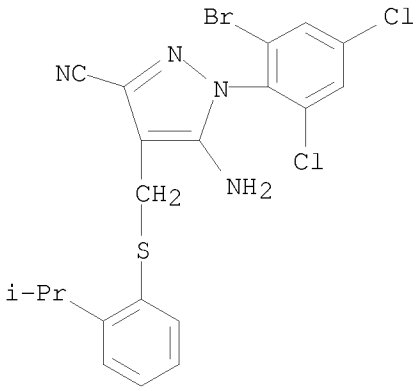


RN 358761-59-8 HCAPLUS

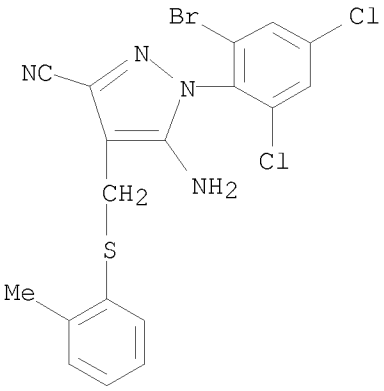
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[(2,5-dichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



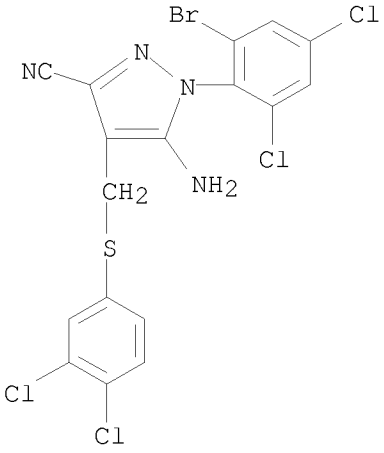
RN 358761-60-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[2-(1-methylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



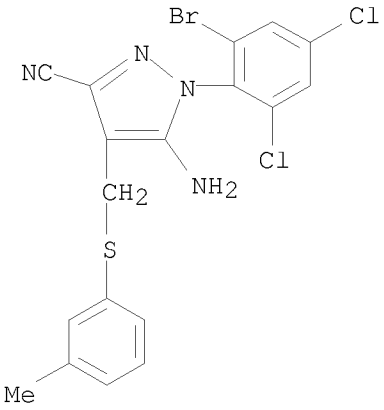
RN 358761-61-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[(2-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



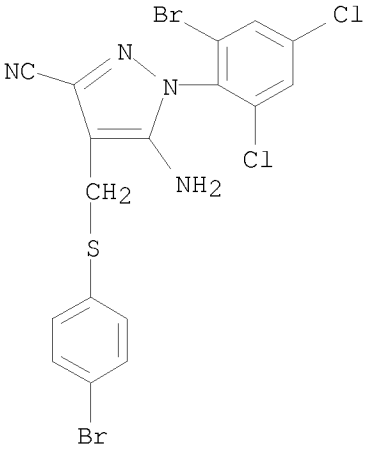
RN 358761-62-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[(3,4-dichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



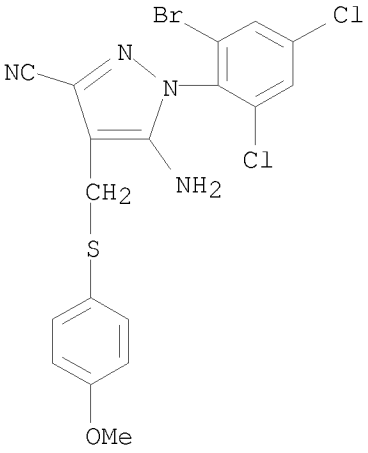
RN 358761-63-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[(3-methylphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



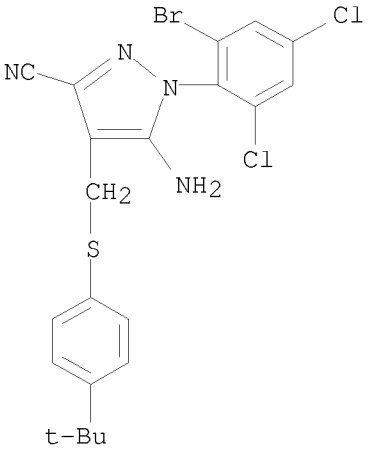
RN 358761-64-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[(4-bromophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



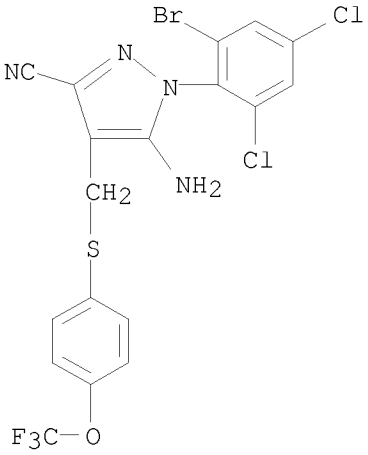
RN 358761-65-6 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[(4-methoxyphenyl)thio]methyl]- (9CI) (CA INDEX NAME)



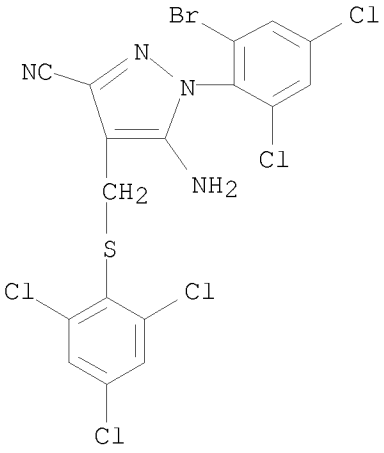
RN 358761-66-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[4-(1,1-dimethylethyl)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



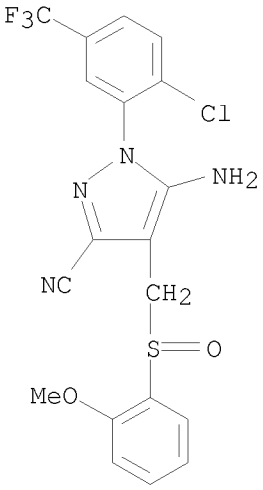
RN 358761-67-8 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[4-(trifluoromethoxy)phenyl]thio]methyl]- (9CI) (CA INDEX NAME)



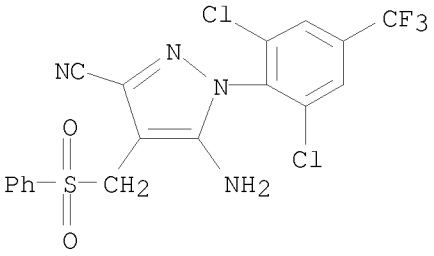
RN 358761-68-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[(2,4,6-trichlorophenyl)thio]methyl]- (9CI) (CA INDEX NAME)



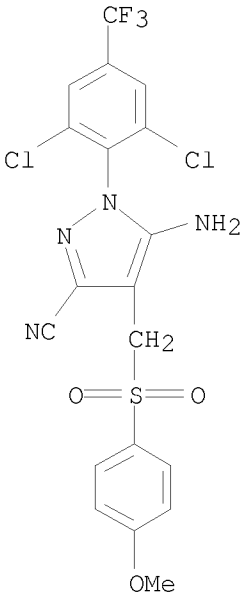
RN 358762-15-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-5-(trifluoromethyl)phenyl]-4-[[(2-methoxyphenyl)sulfinyl]methyl]- (9CI) (CA INDEX NAME)



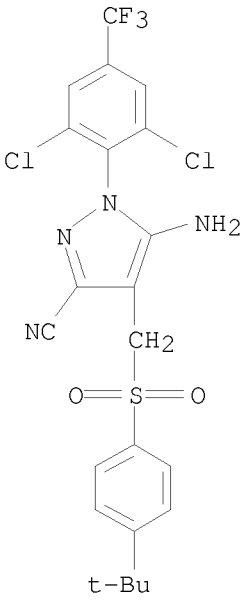
RN 358762-39-7 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)



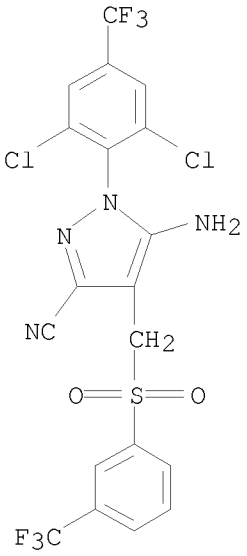
RN 358762-40-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[(4-methoxyphenyl)sulfonyl]methyl]- (9CI) (CA INDEX NAME)



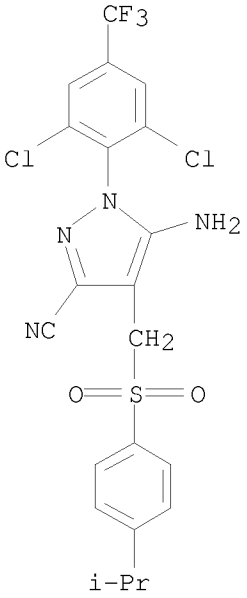
RN 358762-41-1 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1,1-dimethylethyl)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



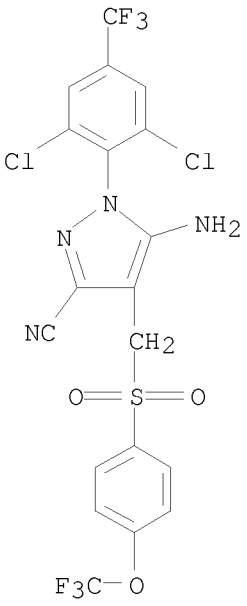
RN 358762-42-2 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[3-(trifluoromethyl)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



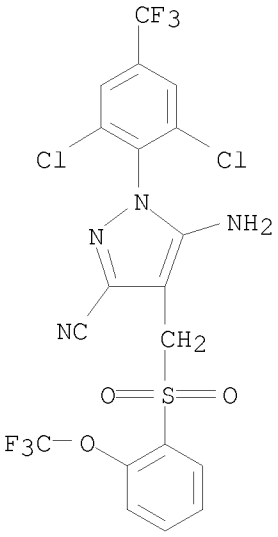
RN 358762-43-3 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1-methylethyl)phenyl]sulfonyl]methyl]-(9CI) (CA INDEX NAME)



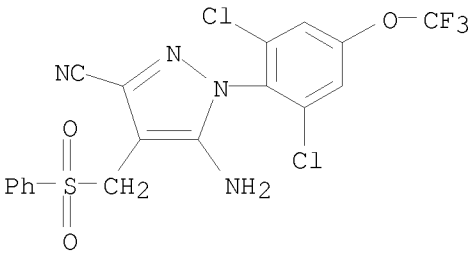
RN 358762-44-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[4-(trifluoromethoxy)phenyl]sulfonyl]methyl]-(9CI) (CA INDEX NAME)



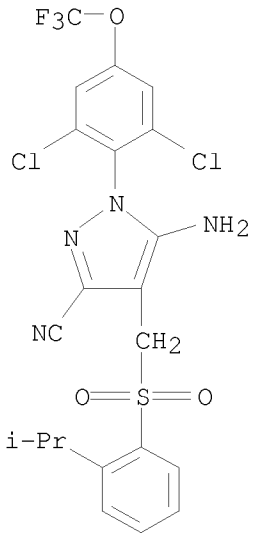
RN 358762-45-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[[[2-(trifluoromethoxy)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



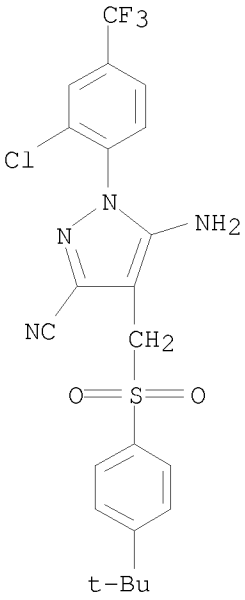
RN 358762-53-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[(phenylsulfonyl)methyl]- (9CI) (CA INDEX NAME)



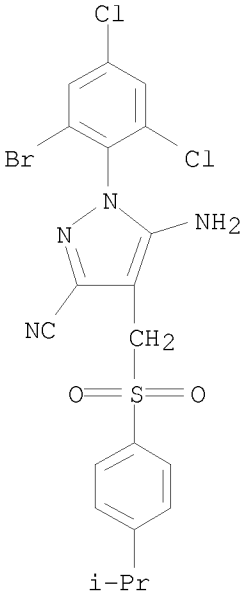
RN 358762-54-6 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethoxy)phenyl]-4-[[[2-(1-methylethyl)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



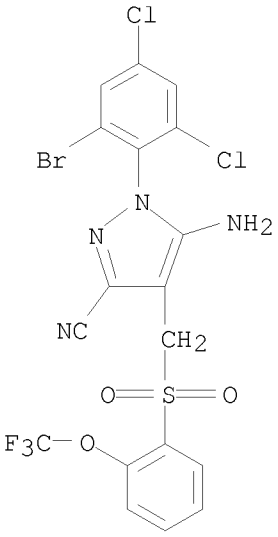
RN 358762-57-9 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2-chloro-4-(trifluoromethyl)phenyl]-4-[[[4-(1,1-dimethylethyl)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



RN 358762-61-5 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[4-(1-methylethyl)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



RN 358762-62-6 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-(2-bromo-4,6-dichlorophenyl)-4-[[[2-(trifluoromethoxy)phenyl]sulfonyl]methyl]- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

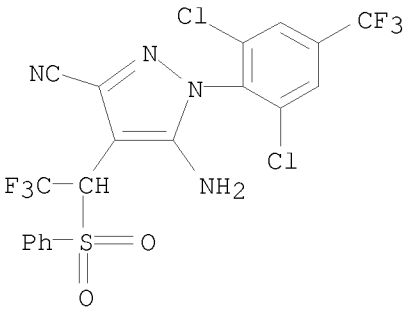
L14 ANSWER 2 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:409212 HCAPLUS
DOCUMENT NUMBER: 131:98844
TITLE: Control of pests in containerized seedlings with nitrogen-containing insecticides
INVENTOR(S): Akayama, Atsuo
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 117 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11171702	A	19990629	JP 1998-264372	19980918 <--
PRIORITY APPLN. INFO.:			JP 1997-258947 A	19970924

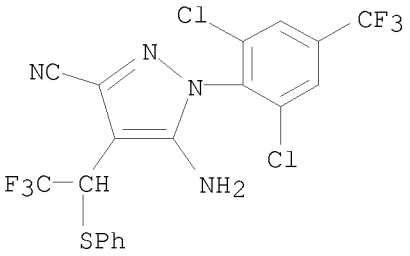
OTHER SOURCE(S): MARPAT 131:98844

AB A labor-saving method for controlling pests in angiosperms, except Gramineae, involves raising seedlings in a container filled with medium that, before seeding or temporary planting, is mixed with an insecticide of the formula R1R2NCR3:Y, where R1 = H, hydrocarbon, acyl, or substituted alkyl, the substituent possibly being heterocyclic; R2 = H, hydrocarbon, or a bivalent group bound to R3; R3 = hydrocarbon, SR4 (where R4 has the same meanings as R1), or YR5R6 (where R5 and R6 are the same or different and have the same meanings as R1), etc.; Y = :N or :CZ, where Z = H or hydrocarbon, optionally substituted; and X = electron-withdrawing substituent. Thus, in a pot experiment with cucumber, mixing granules containing 1-N-[(6-chloro-3-pyridylmethyl)-N-ethylamino]-1-methylamino-2-nitroethylene at 0.286 g/L with medium completely controlled Aphis gossypii.

IT 185615-15-0 185616-40-4
RL: AGR (Agricultural use); BIOL (Biological study); USES (Uses)
(insecticide for containerized seedlings)
RN 185615-15-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[2,2,2-trifluoro-1-(phenylsulfonyl)ethyl]-(9CI) (CA INDEX NAME)



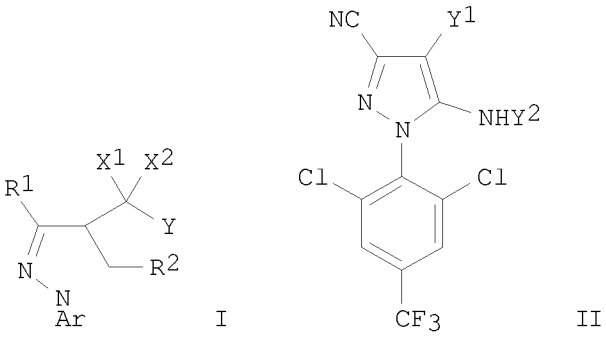
RN 185616-40-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[2,2,2-trifluoro-1-(phenylthio)ethyl]- (9CI) (CA INDEX NAME)



L14 ANSWER 3 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1997:72214 HCAPLUS
DOCUMENT NUMBER: 126:89367
TITLE: Preparation of pyrazole derivatives as insecticides
INVENTOR(S): Kando, Yasuyuki; Kiji, Toshuki; Noguchi, Makoto; Manabe, Yukiaki
PATENT ASSIGNEE(S): Takeda Chemical Industries Ltd, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 61 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 08311036	A	19961126	JP 1996-4929	19960116 <--

PRIORITY APPLN. INFO.: JP 1995-54820 A 19950314
OTHER SOURCE(S): MARPAT 126:89367
GI

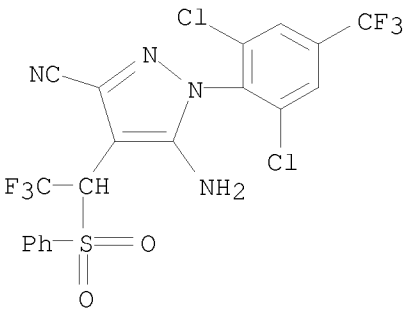


I II

AB The title compds. [I; Ar = (un)substituted aromatic hydrocarbyl or heterocycle; R1 = H, halo, NO2, OH, cyano, (un)substituted hydrocarbyl, etc.; R2 = H, halo, NO2, OH, cyano, (un)substituted hydrocarbyl, alkoxy, etc.; X1 = (un)substituted haloalkyl; X2 = H, radical containing C, N, O, S, or P; Y = radical containing O, N, S, or P, (un)substituted aryl, etc.; X2 and Y may together form a hydroxyimino, heterocycle, etc.; R2 and Y may together represent substituted C2-4 alkylene or alkenylene containing O, N, S, or P, etc.] are prepared Insecticides containing I are also claimed. Thus, I (Y1 = Y2 = H) was reacted with (F3CCO)2O in the presence of pyridine to give 38% the title compound II (Y1 = Y2 = F3CCO) (III). III at 100 ppm killed 100% Chilo suppressalis at 3rd-instar larvae.

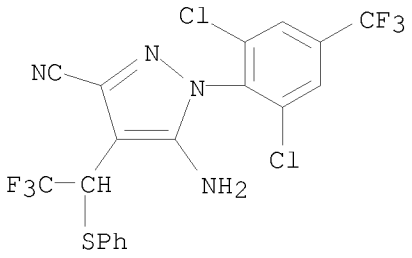
IT 185615-15-0P 185616-40-4P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of pyrazole derivs. as insecticides)

RN 185615-15-0 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-(trifluoromethyl)phenyl]-4-[2,2,2-trifluoro-1-(phenylsulfonyl)ethyl]-(9CI) (CA INDEX NAME)



RN 185616-40-4 HCAPLUS
CN 1H-Pyrazole-3-carbonitrile, 5-amino-1-[2,6-dichloro-4-

(trifluoromethyl)phenyl]-4-[2,2,2-trifluoro-1-(phenylthio)ethyl]- (9CI) (CA INDEX NAME)



L14 ANSWER 4 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1994:284789 HCAPLUS
DOCUMENT NUMBER: 120:284789
TITLE: Color reproduction-improved silver halide photographic photosensitive material
INVENTOR(S): Sato, Koichi; Kita, Hiroshi
PATENT ASSIGNEE(S): Konishiroku Photo Ind, Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 80 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

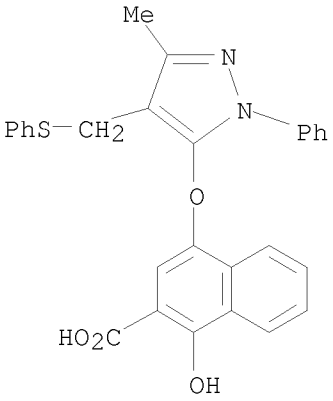
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 05127329	A	19930525	JP 1991-315140	19911105 <--

PRIORITY APPLN. INFO.: JP 1991-315140 19911105

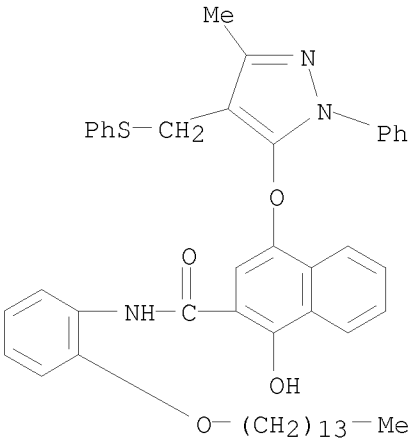
AB The title material, having on a support photog. constituent layers containing a UV absorber-containing layer(s) and a Ag halide emulsion layer(s), ≥1 layer(s) selected from the UV absorber-containing layer(s) and photog. constituent layers located closer to the support side than the UV absorber-containing layer, contains ≥1 kind(s) of mercapto compound-releasable compds. as a function of exposed Ag halide and ≥1 layer(s) selected from the UV absorber-containing layer(s) and photog. constituent layers located further from the support side than the UV absorber-containing layer, and contains ≥1 kind(s) of phosphor precursors capable of forming a phosphor by reaction with a mercapto compound released from the mercapto compound-releasable compound or with a color developer component during color development. The material provides images with superior color reproduction and storage stability (light fastness).

IT 154732-22-6P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation and reaction of, for mercapto compound-releasable compound for color photog. material)

RN 154732-22-6 HCAPLUS
CN 2-Naphthalenecarboxylic acid, 1-hydroxy-4-[[3-methyl-1-phenyl-4-[(phenylthio)methyl]-1H-pyrazol-5-yl]oxy]- (9CI) (CA INDEX NAME)



IT 154732-21-5P
RL: PREP (Preparation)
(preparation of, as mercapto compound-releasable compound for color photog. material)
RN 154732-21-5 HCAPLUS
CN 2-Naphthalenecarboxamide, 1-hydroxy-4-[[3-methyl-1-phenyl-4-[(phenylthio)methyl]-1H-pyrazol-5-yl]oxy]-N-[2-(tetradecyloxy)phenyl]- (9CI) (CA INDEX NAME)



L14 ANSWER 5 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1992:265498 HCAPLUS
DOCUMENT NUMBER: 116:265498
TITLE: Silver halide color photographic material containing masking coupler
INVENTOR(S): Asatake, Atsushi; Miura, Akio; Oya, Hidenobu; Kida, Shuji
PATENT ASSIGNEE(S): Konica Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 13 pp.
CODEN: JKXXAF

DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 04013135	A	19920117	JP 1990-117057	19900507 <--

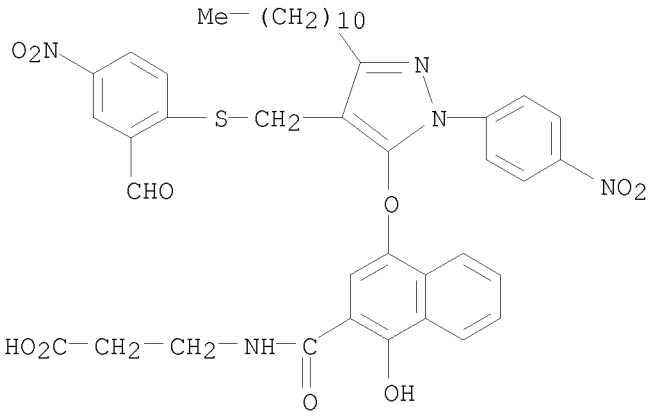
PRIORITY APPLN. INFO.: JP 1990-117057 19900507

AB The photog. material contains ≥1 coupler(s) having formyl active point and forming a coupler dye by reaction with the oxidant of a color-developing agent. The material showed good sharpness.

IT 141675-62-9
RL: USES (Uses)
(silver halide photog. masking coupler, for good sharpness)

RN 141675-62-9 HCAPLUS

CN β-Alanine, N-[[4-[[4-[[(2-formyl-4-nitrophenyl)thio]methyl]-1-(4-nitrophenyl)-3-undecyl-1H-pyrazol-5-yl]oxy]-1-hydroxy-2-naphthalenyl]carbonyl]- (9CI) (CA INDEX NAME)



L14 ANSWER 6 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1988:560433 HCAPLUS
DOCUMENT NUMBER: 109:160433
TITLE: Development inhibitor-releasing coupler for silver halide color photographic material
INVENTOR(S): Ishige, Osamu; Kida, Shuji; Nakagawa, Satoshi
PATENT ASSIGNEE(S): Konica Co., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 28 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 63027840	A	19880205	JP 1986-170762	19860722 <--

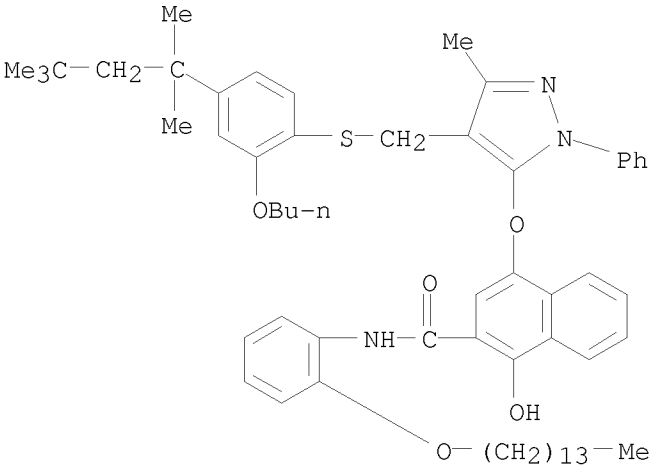
PRIORITY APPLN. INFO.: JP 1986-170762 19860722

AB A color photog. material having improved image sharpness and color quality and diminished contamination of developing solution is claimed which comprises ≥1 Ag halide emulsion layer containing a photog. useful group precursor and a compound which releases a reactive group or an agent forming a photog. useful group through reaction with the photog. useful group precursor during processing.

IT 116826-62-1
RL: USES (Uses)
(photog. development inhibitor-releasing coupler)

RN 116826-62-1 HCAPLUS

CN 2-Naphthalenecarboxamide, 4-[[4-[[[2-butoxy-4-(1,1,3,3-tetramethylbutyl)phenyl]thio]methyl]-3-methyl-1-phenyl-1H-pyrazol-5-yl]oxy]-1-hydroxy-N-[2-(tetradecyloxy)phenyl]- (9CI) (CA INDEX NAME)



L14 ANSWER 7 OF 7 HCAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1984:42998 HCAPLUS

DOCUMENT NUMBER: 100:42998

TITLE: Light-sensitive photographic silver halide material

INVENTOR(S): Uemura, Morito; Kishi, Kenichi; Nakagawa, Satoshi; Kida, Shuji; Sugita, Hiroshi

PATENT ASSIGNEE(S): Konishiroku Photo Industry Co., Ltd. , Japan

SOURCE: Ger. Offen., 43 pp.
CODEN: GWXXBX

DOCUMENT TYPE: Patent

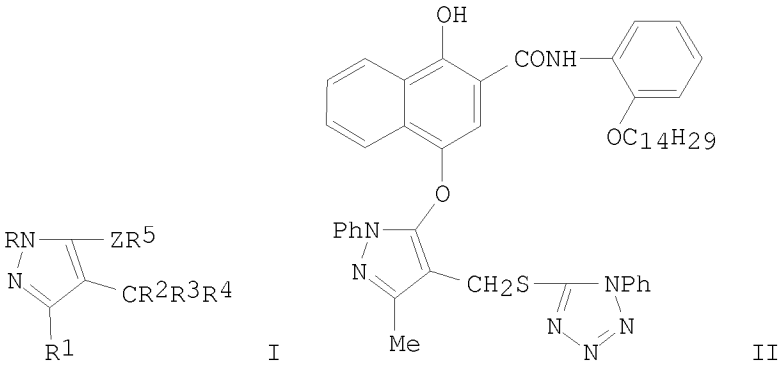
LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 3209671	A1	19821111	DE 1982-3209671	19820317 <--
DE 3209671	C2	19870402		
JP 57154234	A	19820924	JP 1981-39766	19810319 <--
JP 63061656	B	19881129		
US 4421845	A	19831220	US 1982-357149	19820311 <--
GB 2096783	A	19821020	GB 1982-7524	19820315 <--

GB 2096783 B 19850220
PRIORITY APPLN. INFO.: JP 1981-39766 A 19810319
GI



I II

AB Pyrazole compds. (I; R = H, alkyl, aryl, acyl, sulfonyl, alkoxy, or heterocyclyl; R1 = H, alkyl, aryl, alkoxy, amino, amido, sulfonamido, CO2H, alkoxycarbonyl, carbamoyl, CN, or halogenated alkyl; R2, R3 = H, alkyl, aryl; R4 = a development inhibiting group; R5 = a group that is eliminated under photog. processing or development; Z = O, S, or NR6 where R6 = H, alkyl, aryl, acyl, or sulfonyl or together with R can form a condensed ring) are described for use as development inhibitor-releasing compds. for incorporation in photog. materials. Thus, a subbed cellulose triacetate film support was coated with a red-sensitive gelatinous Ag(Br,I) (6 mol% AgI) emulsion containing a cyan coupler and II 0.1 mol.%. The resultant color material was then exposed and color processed to show a relative sensitivity of 85, a γ of 0.95, and a fog of 0.18 while a portion stored for 2 days at 60° and 80% relative humidity and then exposed and processed showed values of 85, 0.90, and 0.20, resp. The values for a control containing N-(o-tetradecyloxyphenyl)-4-(1-phenyltetrazolylthio)-1-hydroxynaphthamide 0.2 mol% were 88, 1.14, and 0.22, resp., and 80, 0.76, and 0.25, resp.

IT 88218-70-6
RL: USES (Uses)
(photog. dye-releasing compound)

RN 88218-70-6 HCAPLUS

CN 2-Naphthalenesulfonamide, N-(1,1-dimethylethyl)-1-hydroxy-4-[[4-[[[3-methyl-5-[[4-nitro-2-(octadecylsulfonyl)phenyl]methoxy]-1-phenyl-1H-pyrazol-4-yl]methyl]sulfonyl]phenyl]azo]-5-[(methylsulfonyl)amino]- (9CI) (CA INDEX NAME)

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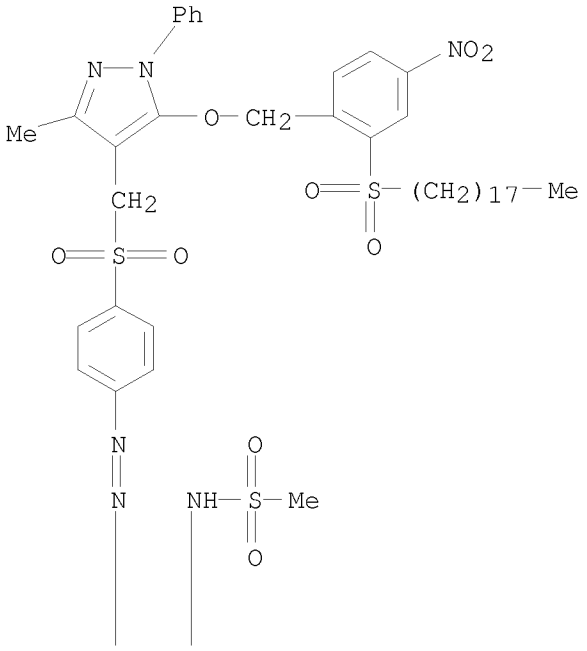
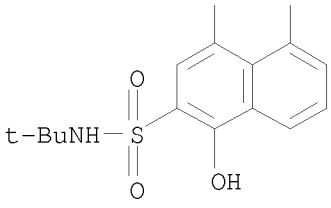


PAGE 2-A



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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	57.83	597.88

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-7.02	-8.58

STN INTERNATIONAL LOGOFF AT 15:22:39 ON 11 JUL 2007